

**WAFANGDIAN GUANGDA BEARING MANUFACTURING CO.,LTD.**



**THE INCH TAPER ROLLER BEARING OF  
WSW METALLURGY GENERAL BEARING CATALOG**

**WSW<sup>®</sup>**  
**GUANGDA BEARING**

# ISSUE WORDS

On the occasion of new version **WSW** Catalog published, we would like to express our thanks to our users and friends.

In recent years, due to the demand of various types of machinery and equipment, therefore, the performance of rolling mechanical as an important parts, should also be provided. In order to meet the high speed, long life, high reliability and use in

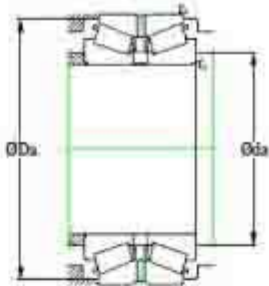
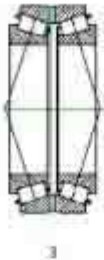
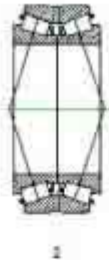
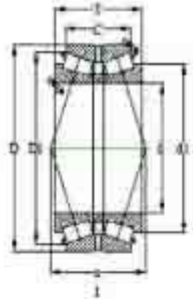
Special environment, and even in some aspects of development requirements, in this regard, **WSW** strengthen technology innovation and product development.

The new version was released. It contains a large amount of new technologies and product development achievements. We are convinced that each company in selection and use **WSW** bearings, will be enlightened and helpful to you.

**WSW** from the user's actual situation, designed for users, designed for working conditions, to meet the user's requirements, constantly perfection in studies. technology, high-quality products and services to you. We sincerely hope that, **WSW** brand can bring hope and joy to you.

Double-row Taper Roller Bearing with Double Inner Ring  
(Inch Series)

WSW



| 基    本    尺    寸(mm)<br>Boundary  Dimensions |         |         |         |         |         | 基本额定载荷(kN)<br>Basie Load<br>Ratings |      | 轴    承    代    号<br>Bearing Numbers | 结构<br><br>Design | 相关安装尺寸<br>Abutment and Fillet<br>Dimensions |        |        |        | 计算系数<br>Calculation Factors |      |     |     | 质量(kg)<br>Mass<br>(参考)<br>Refer. |
|----------------------------------------------|---------|---------|---------|---------|---------|-------------------------------------|------|-------------------------------------|------------------|---------------------------------------------|--------|--------|--------|-----------------------------|------|-----|-----|----------------------------------|
| d                                            | D       | T       | C       | r1.2min | r3.4min | Cr                                  | Cor  |                                     |                  | da min                                      | Da max | fb max | fa max | e                           | Y1   | Y2  | Y0  |                                  |
| 100                                          | 180.975 | 104.775 | 85.725  | 1.6     | 3.6     | 440                                 | 750  | 783/774D                            | 1                | 123                                         | 171    | 1.6    | 3.6    | 0.39                        | 1.8  | 2.6 | 1.7 | 10.6                             |
| 101.6                                        | 161.925 | 82.548  | 61.912  | 0.8     | 3.6     | 310                                 | 570  | 52400/52637D                        | 1                | 120                                         | 155    | 0.8    | 3.6    | 0.47                        | 1.4  | 2.1 | 1.4 | 5.7                              |
|                                              | 168.275 | 92.075  | 69.85   | 0.8     | 3.6     | 380                                 | 685  | 687/672D                            | 1                | 121                                         | 161    | 0.8    | 3.6    | 0.47                        | 1.4  | 2.1 | 1.4 | 7.3                              |
|                                              | 180     | 104.775 | 85.725  | 0.8     | 3.6     | 440                                 | 750  | 780/773D                            | 1                | 124                                         | 171    | 0.8    | 3.6    | 0.39                        | 1.8  | 2.6 | 1.7 | 10.2                             |
|                                              | 180.975 | 104.775 | 85.725  | 1.6     | 3.6     | 440                                 | 750  | 780/774D                            | 1                | 124                                         | 171    | 1.6    | 3.6    | 0.39                        | 1.8  | 2.6 | 1.7 | 10.4                             |
|                                              | 190.5   | 127     | 101.6   | 1.6     | 8       | 605                                 | 1000 | 861/854D                            | 1                | 130                                         | 180    | 1.6    | 8      | 0.33                        | 2    | 3   | 2   | 14.4                             |
|                                              | 190.5   | 127     | 104.775 | 1.6     | 8       | 665                                 | 1040 | HH221449/HH221410D                  | 1                | 131                                         | 183    | 1.6    | 8      | 0.33                        | 2    | 3   | 2   | 14.3                             |
|                                              | 200.025 | 115.888 | 80.216  | 2.3     | 3.6     | 540                                 | 850  | 98400/98789D                        | 1                | 132                                         | 190    | 2.3    | 3.6    | 0.63                        | 1.1  | 1.6 | 1   | 14.8                             |
|                                              | 212.725 | 142.875 | 117.475 | 1.6     | 7       | 975                                 | 1620 | HH224335/HH224310D                  | 1                | 137                                         | 205    | 1.6    | 7      | 0.33                        | 2.1  | 3.1 | 2   | 23.3                             |
|                                              | 104.775 | 180     | 104.775 | 85.725  | 0.8     | 3.6                                 | 440  | 750                                 | 782/773D         | 1                                           | 125    | 171    | 0.8    | 3.6                         | 0.39 | 1.8 | 2.6 | 1.7                              |
|                                              | 180.975 | 104.775 | 85.725  | 1.6     | 6.4     | 440                                 | 750  | 786/774D                            | 1                | 128                                         | 171    | 1.6    | 6.4    | 0.39                        | 1.8  | 2.6 | 1.7 | 9.9                              |
|                                              | 190.5   | 106.632 | 80.962  | 1.6     | 3.6     | 510                                 | 925  | 71412/71751D                        | 1                | 131                                         | 182    | 1.6    | 3.6    | 0.42                        | 1.6  | 2.4 | 1.6 | 12.2                             |
|                                              | 106.362 | 165.1   | 82.55   | 63.5    | 0.8     | 3.6                                 | 335  | 645                                 | 56418/56650D     | 1                                           | 126    | 160    | 0.8    | 3.6                         | 0.5  | 1.4 | 2   | 1.3                              |
| 107.95                                       | 146.05  | 49.212  | 39.688  | 0.8     | 1.5     | 147                                 | 330  | L521949/L521910D                    | 1                | 120                                         | 141    | 0.8    | 1.5    | 0.39                        | 1.7  | 2.6 | 1.7 | 2.2                              |
|                                              | 165.1   | 82.55   | 63.5    | 0.8     | 3.6     | 335                                 | 645  | 56425/56650D                        | 1                | 127                                         | 160    | 0.8    | 3.6    | 0.5                         | 1.4  | 2   | 1.3 | 5.7                              |
|                                              | 190.5   | 106.362 | 80.962  | 1.6     | 3.6     | 510                                 | 925  | 71425/71751D                        | 1                | 133                                         | 182    | 1.6    | 3.6    | 0.42                        | 1.6  | 2.4 | 1.6 | 11.8                             |
|                                              | 212.725 | 142.875 | 117.475 | 1.6     | 8       | 975                                 | 1620 | HH224340/HH224310D                  | 1                | 142                                         | 205    | 1.6    | 8      | 0.33                        | 2.1  | 3.1 | 2   | 22.1                             |
|                                              | 234.95  | 111.125 | 82.55   | 1.6     | 6.4     | 610                                 | 840  | EE342043/342091D                    | 1                | 144                                         | 222    | 1.6    | 6.4    | 0.43                        | 1.6  | 2.3 | 1.5 | 20                               |
| 109.952                                      | 190.5   | 106.362 | 80.962  | 1.6     | 3.6     | 510                                 | 925  | 71432/71751D                        | 1                | 134                                         | 182    | 1.6    | 3.6    | 0.42                        | 1.6  | 2.4 | 1.6 | 11.5                             |
|                                              | 177.8   | 92.075  | 69.85   | 0.8     | 3.6     | 400                                 | 750  | 64433/64700D                        | 1                | 132                                         | 173    | 0.8    | 3.6    | 0.52                        | 1.3  | 1.9 | 1.3 | 8                                |
| 111.125                                      | 190.5   | 106.362 | 80.962  | 1.6     | 3.6     | 510                                 | 925  | 71437/71751D                        | 1                | 135                                         | 182    | 1.6    | 3.6    | 0.42                        | 1.6  | 2.4 | 1.6 | 11.3                             |
| 114.3                                        | 177.8   | 92.075  | 69.85   | 0.8     | 3.6     | 444                                 | 788  | 64450/64700D                        | 1                | 135                                         | 173    | 0.8    | 3.6    | 0.52                        | 1.3  | 1.9 | 1.3 | 7.75                             |
|                                              | 212.725 | 142.875 | 117.475 | 1.6     | 7       | 975                                 | 1620 | HH224346/HH224310D                  | 1                | 144                                         | 205    | 1.6    | 7      | 0.33                        | 2.1  | 3.1 | 2   | 20.9                             |
|                                              | 212.725 | 142.875 | 117.475 | 1.6     | 3.6     | 975                                 | 1620 | HH224346NA/HH224310D                | 2                | 140                                         | 205    | 1.6    | 3.6    | 0.33                        | 2.1  | 3.1 | 2   | 21                               |
|                                              | 228.6   | 115.888 | 84.138  | 2.3     | 3.6     | 645                                 | 1060 | HM926740/HM926710D                  | 1                | 152                                         | 220    | 2.3    | 3.6    | 0.74                        | 0.92 | 1.4 | 0.9 | 20.5                             |

Double-row Taper Roller Bearing with Double Inner Ring  
(Inch Series)

WSW

| 基    本    尺    寸(mm) |         |         |         |         |         | 基本额定载荷(kN)         |      | 轴    承    代    号<br>Bearing Numbers | 结构<br><br>Design | 相关安装尺寸                         |        |        |        | 计算系数                |      |      |      | 质量(kg)       |
|----------------------|---------|---------|---------|---------|---------|--------------------|------|-------------------------------------|------------------|--------------------------------|--------|--------|--------|---------------------|------|------|------|--------------|
| Boundary Dimensions  |         |         |         |         |         | Basic Load Ratings |      |                                     |                  | Abutment and Fillet Dimensions |        |        |        | Calculation Factors |      |      |      | Mass<br>(参考) |
| d                    | D       | T       | C       | r1.2min | r3.4min | Cr                 | Cor  |                                     |                  | da min                         | Da max | fb max | fa max | e                   | Y1   | Y2   | Y0   | Refer.       |
| 114.976              | 212.725 | 142.875 | 117.475 | 1.6     | 7       | 975                | 1620 | HH224349/HH224310D                  | 1                | 144                            | 205    | 1.6    | 7      | 0.33                | 2.1  | 3.1  | 2    | 20.8         |
| 120                  | 174.625 | 77.788  | 61.913  | 0.8     | 3.6     | 365                | 765  | M224748/M224710D                    | 1                | 137                            | 169    | 0.8    | 3.6    | 0.33                | 2    | 3    | 2    | 5.8          |
| 120.65               | 174.625 | 77.788  | 61.913  | 0.8     | 3.6     | 365                | 765  | M224749/M224710D                    | 1                | 138                            | 169    | 0.8    | 3.6    | 0.33                | 2    | 3    | 2    | 5.7          |
|                      | 206.375 | 107.95  | 82.55   | 0.8     | 3.2     | 545                | 1060 | 795/792D                            | 1                | 149                            | 199    | 0.8    | 3.2    | 0.46                | 1.5  | 2.2  | 1.4  | 14           |
| 123.825              | 182.562 | 85.725  | 73.025  | 0.8     | 3.6     | 390                | 885  | 48286/48220D                        | 1                | 143                            | 177    | 0.8    | 3.6    | 0.31                | 2.2  | 3.3  | 2.2  | 7.4          |
| 124.943              | 234.95  | 142.875 | 114.3   | 1.6     | 6.4     | 875                | 1580 | 95491/95927D                        | 1                | 162                            | 226    | 1.6    | 6.4    | 0.37                | 1.8  | 2.7  | 1.8  | 25.7         |
| 127                  | 169.975 | 58.738  | 49.213  | 1       | 1.6     | 225                | 501  | L225849/L225812D                    | 1                | 135.2                          | 161.8  | 1      | 1.6    | 0.33                | 2.03 | 3.02 | 1.98 | 3.45         |
|                      | 182.563 | 85.725  | 73.025  | 0.8     | 3.6     | 389                | 858  | 48291/48220D                        | 1                | 139.2                          | 173.2  | 0.8    | 3.6    | 0.31                | 2.21 | 3.29 | 2.16 | 6.99         |
|                      | 196.85  | 101.6   | 85.725  | 0.8     | 3.6     | 535                | 1120 | 67388/67322D                        | 1                | 150                            | 192    | 0.8    | 3.6    | 0.34                | 2    | 2.9  | 1.9  | 11.1         |
|                      | 196.85  | 107.95  | 92.075  | 0.8     | 3.6     | 534                | 1120 | 67388/67323D                        | 1                | 139.2                          | 188.8  | 0.8    | 3.6    | 0.34                | 1.96 | 2.92 | 1.92 | 11.4         |
|                      | 200.025 | 101.6   | 85.725  | 0.8     | 3.6     | 535                | 1120 | 67388/67325D                        | 1                | 150                            | 193    | 0.8    | 3.6    | 0.34                | 2    | 2.9  | 1.9  | 11.7         |
|                      | 206.375 | 107.95  | 82.55   | 0.8     | 3.6     | 558                | 1100 | 798/792D                            | 1                | 139.2                          | 194.1  | 0.8    | 3.6    | 0.46                | 1.47 | 2.19 | 1.44 | 13.2         |
|                      | 215.9   | 106.362 | 80.962  | 1.6     | 3.6     | 495                | 985  | 74500/74851D                        | 1                | 157                            | 208    | 1.6    | 3.6    | 0.49                | 1.4  | 2.1  | 1.4  | 15           |
|                      | 228.6   | 115.888 | 84.138  | 2.3     | 3.6     | 645                | 1060 | HM926747/HM926710D                  | 1                | 158                            | 220    | 2.3    | 3.6    | 0.74                | 0.92 | 1.4  | 0.9  | 18.3         |
|                      | 230     | 126     | 84      | 1.6     | 4       | 645                | 1060 | 127KDE2301                          | 1                | 158                            | 220    | 1.6    | 4      | 0.74                | 0.92 | 1.4  | 0.9  | 19.6         |
|                      | 234.95  | 142.875 | 114.3   | 1.6     | 6.4     | 875                | 1580 | 95500/95927D                        | 1                | 163                            | 226    | 1.6    | 6.4    | 0.37                | 1.8  | 2.7  | 1.8  | 25.2         |
|                      | 258.762 | 177.8   | 136.525 | 1.6     | 9.6     | 975                | 1600 | EE153050/153103D                    | 1                | 167                            | 243    | 1.6    | 9.6    | 0.32                | 2.1  | 3.1  | 2.1  | 38           |
| 127.792              | 228.6   | 115.888 | 84.138  | 2.3     | 3.6     | 645                | 1060 | HM926749/HM926710D                  | 1                | 158                            | 220    | 2.3    | 3.6    | 0.74                | 0.92 | 1.4  | 0.9  | 18.1         |
| 128.588              | 206.375 | 107.95  | 82.55   | 0.8     | 3.2     | 545                | 1060 | 799/792D                            | 1                | 153                            | 199    | 0.8    | 3.2    | 0.46                | 1.5  | 2.2  | 1.4  | 12.7         |
| 130.175              | 196.85  | 101.6   | 85.725  | 0.8     | 3.2     | 535                | 1120 | 67389/67322D                        | 1                | 152                            | 192    | 0.8    | 3.2    | 0.34                | 2    | 2.9  | 1.9  | 10.6         |
|                      | 200.025 | 101.6   | 85.725  | 0.8     | 3.2     | 535                | 1120 | 67389/67325D                        | 1                | 152                            | 192    | 0.8    | 3.2    | 0.34                | 2    | 2.9  | 1.9  | 11.2         |
| 130.175              | 206.375 | 107.95  | 82.55   | 0.8     | 3.2     | 545                | 1060 | 799A/792D                           | 1                | 154                            | 199    | 0.8    | 3.2    | 0.46                | 1.5  | 2.2  | 1.4  | 12.4         |
| 133.35               | 177.008 | 57.15   | 47.625  | 0.8     | 1.5     | 213                | 515  | L327249/L327210D                    | 1                | 147                            | 172    | 0.8    | 1.5    | 0.35                | 1.9  | 2.9  | 1.9  | 3.7          |

Double-row Taper Roller Bearing with Double Inner Ring  
(Inch Series)

WSW

| Double-row Taper Roller Bearing with Double Inner Ring (Inch Series) |         |         |         |         |         |                    |                    |                            |              |                                |        |        |        |                     |      |      |      |                        |
|----------------------------------------------------------------------|---------|---------|---------|---------|---------|--------------------|--------------------|----------------------------|--------------|--------------------------------|--------|--------|--------|---------------------|------|------|------|------------------------|
| 基 本 尺 寸(mm)                                                          |         |         |         |         |         | 基本额定载荷(kN)         |                    | 轴 承 代 号<br>Bearing Numbers | 结构<br>Design | 相关安装尺寸                         |        |        |        | 计算系数                |      |      |      | 质量(kg)                 |
| Boundary Dimensions                                                  |         |         |         |         |         | Basic Load Ratings |                    |                            |              | Abutment and Fillet Dimensions |        |        |        | Calculation Factors |      |      |      | Mass<br>(参考)<br>Refer. |
| d                                                                    | D       | T       | C       | r1.2min | r3.4min | Cr                 | Cor                |                            |              | da min                         | Da max | rb max | ra max | e                   | Y1   | Y2   | Y0   |                        |
| 133.35                                                               | 177.008 | 60.325  | 47.625  | 0.8     | 1.5     | 241                | 557                | L327248NA/L327210D         | 1            | 141.6                          | 169    | 0.8    | 1.5    | 0.35                | 1.94 | 2.89 | 1.9  | 3.79                   |
|                                                                      | 190.5   | 85.725  | 73.025  | 0.8     | 3.6     | 370                | 880                | 48385/48320D               | 1            | 153                            | 185    | 0.8    | 3.6    | 0.32                | 2.1  | 3.1  | 2.1  | 7.7                    |
|                                                                      | 196.85  | 101.6   | 85.725  | 0.8     | 3.6     | 535                | 1120               | 67390/67322D               | 1            | 153                            | 192    | 0.8    | 3.6    | 0.34                | 2    | 2.9  | 1.9  | 10                     |
|                                                                      | 200.025 | 101.6   | 85.725  | 0.8     | 3.6     | 535                | 1120               | 67390/67325D               | 1            | 153                            | 193    | 0.8    | 3.6    | 0.34                | 2    | 2.9  | 1.9  | 10.6                   |
|                                                                      | 215.9   | 106.362 | 80.962  | 1.6     | 3.6     | 495                | 985                | 74525/74851D               | 1            | 160                            | 208    | 1.6    | 3.6    | 0.49                | 1.4  | 2.1  | 1.4  | 14                     |
|                                                                      | 234.95  | 142.875 | 114.3   | 1.6     | 9.6     | 875                | 1580               | 95525/95927D               | 1            | 169                            | 226    | 1.6    | 9.6    | 0.37                | 1.8  | 2.7  | 1.8  | 23.8                   |
| 136.525                                                              | 190.5   | 85.725  | 73.025  | 0.8     | 3.6     | 370                | 880                | 48393/48320D               | 1            | 155                            | 185    | 0.8    | 3.6    | 0.32                | 2.1  | 3.1  | 2.1  | 7.3                    |
|                                                                      | 215.9   | 106.362 | 80.962  | 1.6     | 3.6     | 495                | 985                | 74537/74851D               | 1            | 162                            | 208    | 1.6    | 3.6    | 0.49                | 1.4  | 2.1  | 1.4  | 13.4                   |
|                                                                      | 228.6   | 123.825 | 98.425  | 1.6     | 3.6     | 650                | 1240               | 896/892D                   | 1            | 163                            | 219    | 1.6    | 3.6    | 0.42                | 1.6  | 2.4  | 1.6  | 18.7                   |
| 139.7                                                                | 254     | 149.225 | 111.125 | 1.6     | 7.1     | 941                | 1830               | 99537/99102D               | 1            | 155.7                          | 236.4  | 1.6    | 7.1    | 0.41                | 1.66 | 2.47 | 1.62 | 31.9                   |
|                                                                      | 254     | 152.4   | 114.3   | 1.6     | 7.1     | 885                | 1660               | 99537/99101D               | 1            | 178                            | 245    | 1.6    | 7.1    | 0.41                | 1.7  | 2.5  | 1.6  | 31.2                   |
|                                                                      | 215.9   | 106.362 | 80.962  | 1.6     | 3.6     | 495                | 985                | 74550/74851D               | 1            | 163                            | 208    | 1.6    | 3.6    | 0.49                | 1.4  | 2.1  | 1.4  | 12.8                   |
|                                                                      | 222.25  | 75.692  | 53.975  | 2.3     | 3.6     | 325                | 535                | 73551/73876D               | 1            | 162                            | 211    | 2.3    | 3.6    | 0.44                | 1.5  | 2.3  | 1.5  | 9.3                    |
|                                                                      | 228.6   | 123.825 | 98.425  | 1.6     | 3.6     | 753                | 1460               | 898/892D                   | 1            | 151.9                          | 214.2  | 1.6    | 3.6    | 0.42                | 1.6  | 2.39 | 1.57 | 18.5                   |
|                                                                      | 236.538 | 131.762 | 106.362 | 1.6     | 3.6     | 775                | 1440               | HM231132/HM231111D         | 1            | 168                            | 227    | 1.6    | 3.6    | 0.32                | 2.1  | 3.2  | 2.1  | 21                     |
|                                                                      | 241.3   | 131.762 | 106.362 | 1.6     | 3.6     | 775                | 1440               | HM231132/HM231116D         | 1            | 168                            | 230    | 1.6    | 3.6    | 0.32                | 2.1  | 3.2  | 2.1  | 22.6                   |
|                                                                      | 244.475 | 107.95  | 79.375  | 1.6     | 3.6     | 552                | 989                | 81550/81963D               | 1            | 151.9                          | 226.5  | 1.6    | 3.6    | 0.35                | 1.93 | 2.88 | 1.89 | 18.8                   |
|                                                                      | 254     | 149.225 | 111.125 | 1.6     | 7       | 1026               | 1862               | 99550/99102D               | 1            | 179                            | 245    | 1.6    | 7      | 0.4                 | 1.7  | 2.5  | 1.6  | 31                     |
|                                                                      | 254     | 152.4   | 114.3   | 1.6     | 7       | 885                | 1660               | 99550/99101D               | 1            | 179                            | 245    | 1.6    | 7      | 0.41                | 1.7  | 2.5  | 1.6  | 30.4                   |
|                                                                      | 268.288 | 160.338 | 125.413 | 1.6     | 6.4     | 1130               | 2090               | EE107055/107105D           | 1            | 157.5                          | 249    | 1.6    | 6.4    | 0.39                | 1.74 | 2.59 | 1.7  | 39.9                   |
|                                                                      | 304.8   | 135.733 | 97.633  | 1.6     | 3.2     | 1030               | 1600               | EE750558/751204D           | 1            | 151.1                          | 267.5  | 1.6    | 3.2    | 0.33                | 2.03 | 3.02 | 1.98 | 44.7                   |
| 307.975                                                              | 200.025 | 155.575 | 1.6     | 3.2     | 1740    | 2780               | HH234031/HH234011D | 1                          | 180          | 285                            | 1.6    | 3.2    | 0.33   | 2.07                | 3.08 | 2.02 | 65.9 |                        |
| 307.975                                                              | 200.025 | 146.05  | 2.4     | 9.5     | 1360    | 2300               | EE450551/451215D   | 1                          | 163.7        | 274.9                          | 2.4    | 9.5    | 0.33   | 2.07                | 3.09 | 2.03 | 66.2 |                        |
| 142.875                                                              | 200.025 | 87.315  | 73.025  | 0.8     | 8       | 390                | 915                | 48684/48620D               | 1            | 167                            | 195    | 0.8    | 8      | 0.34                | 2    | 3    | 2    | 7.9                    |
|                                                                      | 200.025 | 93.665  | 73.025  | 0.8     | 3.6     | 422                | 982                | 48686/48620D               | 1            | 155.1                          | 190.1  | 0.8    | 3.6    | 0.34                | 2.01 | 2.99 | 1.96 | 8.43                   |
|                                                                      | 236.538 | 131.763 | 106.363 | 1.6     | 3.6     | 856                | 1660               | HM231136/HM231111D         | 1            | 155.1                          | 222.7  | 1.6    | 3.6    | 0.32                | 2.12 | 3.15 | 2.07 | 21.8                   |
|                                                                      | 241.3   | 131.762 | 106.362 | 1.6     | 3.6     | 685                | 1360               | HM231136/HM231116D         | 1            | 171                            | 230    | 1.6    | 3.6    | 0.44                | 1.5  | 2.3  | 1.5  | 22.4                   |

Double-row Taper Roller Bearing with Double Inner Ring  
(Inch Series)

WSW

| 基 本 尺 寸(mm)         |         |         |         |         |         | 基本额定载荷(kN)         |      |                            | 结构                   | 相关安装尺寸                         |        |        |        | 计算系数                |      |      |      | 质量(kg) |      |
|---------------------|---------|---------|---------|---------|---------|--------------------|------|----------------------------|----------------------|--------------------------------|--------|--------|--------|---------------------|------|------|------|--------|------|
| Boundary Dimensions |         |         |         |         |         | Basic Load Ratings |      | 轴 承 代 号<br>Bearing Numbers |                      | Abutment and Fillet Dimensions |        |        |        | Calculation Factors |      |      |      | Mass   |      |
| d                   | D       | T       | C       | r1.2min | r3.4min | Cr                 | Cor  |                            |                      | da min                         | Da max | rb max | ra max | e                   | Y1   | Y2   | Y0   | Refer. |      |
| 146.05              | 193.675 | 65.085  | 53.975  | 0.8     | 1.5     | 303                | 660  | 36690/36620D               | 1                    | 161                            | 188    | 0.8    | 1.5    | 0.37                | 1.8  | 2.7  | 1.8  | 5      |      |
|                     | 236.538 | 131.762 | 106.362 | 1.6     | 3.6     | 775                | 1440 | HM231140/HM231111D         | 1                    | 171                            | 227    | 1.6    | 3.6    | 0.32                | 2.1  | 3.2  | 2.1  | 19.6   |      |
|                     | 236.538 | 131.762 | 106.362 | 1.6     | 3.6     | 685                | 1360 | 82576/82932D               | 1                    | 173                            | 228    | 1.6    | 3.6    | 0.44                | 1.5  | 2.3  | 1.5  | 20.4   |      |
|                     | 236.538 | 131.762 | 106.362 | 1.6     | 3.6     | 775                | 1440 | HM231140NA/HM231111D       | 2                    | 171                            | 227    | 1.6    | 3.6    | 0.32                | 2.1  | 3.2  | 2.1  | 19.7   |      |
|                     | 241.3   | 131.762 | 106.362 | 1.6     | 3.6     | 775                | 1440 | HM231140/HM231116D         | 1                    | 171                            | 230    | 1.6    | 3.6    | 0.32                | 2.1  | 3.2  | 2.1  | 21.2   |      |
|                     | 241.3   | 131.762 | 106.362 | 1.6     | 3.6     | 775                | 1440 | HM231140NA/HM231116D       | 2                    | 171                            | 230    | 1.6    | 3.6    | 0.32                | 2.1  | 3.2  | 2.1  | 21.3   |      |
| 146.05              | 241.3   | 131.762 | 106.362 | 1.6     | 3.6     | 719                | 1460 | 82576/82951D               | 1                    | 158.3                          | 224.3  | 1.6    | 3.6    | 0.44                | 1.53 | 2.27 | 1.49 | 22.6   |      |
|                     | 244.475 | 107.95  | 79.375  | 1.6     | 3.6     | 570                | 1020 | 81575/81963D               | 1                    | 175                            | 235    | 1.6    | 3.6    | 0.35                | 1.9  | 2.9  | 1.9  | 17.9   |      |
|                     | 254     | 149.225 | 111.125 | 1.6     | 7       | 885                | 1660 | 99575/99102D               | 1                    | 182                            | 245    | 1.6    | 7      | 0.41                | 1.7  | 2.5  | 1.6  | 28     |      |
|                     | 254     | 152.4   | 114.3   | 1.6     | 7       | 941                | 1830 | 99575/99101D               | 1                    | 165.3                          | 236.4  | 1.6    | 7      | 0.41                | 1.66 | 2.47 | 1.62 | 30     |      |
|                     | 268.288 | 160.338 | 125.412 | 1.6     | 7       | 1040               | 1960 | EE107057/107105D           | 1                    | 184                            | 256    | 1.6    | 7      | 0.39                | 1.7  | 2.6  | 1.7  | 36.5   |      |
|                     | 304.8   | 135.733 | 97.633  | 1.6     | 3.2     | 1090               | 1560 | EE750576/751204D           | 1                    | 180                            | 285    | 1.6    | 3.2    | 0.33                | 2    | 3    | 2    | 42.1   |      |
|                     | 307.975 | 200.025 | 155.575 | 2.3     | 9.7     | 1510               | 2380 | HH234040/HH234011D         | 1                    | 194                            | 294    | 2.3    | 9.7    | 0.33                | 2.1  | 3.1  | 2    | 61.6   |      |
|                     | 307.975 | 200.025 | 146.05  | 2.3     | 9.7     | 1360               | 2300 | EE450577/451215D           | 1                    | 170.1                          | 274.9  | 2.3    | 9.7    | 0.33                | 2.07 | 3.09 | 2.03 | 63.9   |      |
|                     | 149.225 | 236.538 | 131.762 | 106.362 | 1.6     | 6.4                | 775  | 1440                       | HM231148/HM231111D   | 1                              | 176    | 227    | 1.6    | 6.4                 | 0.32 | 2.1  | 3.2  | 2.1    | 18.8 |
|                     |         | 236.538 | 131.762 | 106.362 | 1.6     | 3.6                | 775  | 1440                       | HM231149/HM231111D   | 1                              | 173    | 227    | 1.6    | 3.6                 | 0.32 | 2.1  | 3.2  | 2.1    | 18.8 |
|                     |         | 236.538 | 131.762 | 106.362 | 1.6     | 3.6                | 685  | 1360                       | 82587/82932D         | 1                              | 175    | 228    | 1.6    | 3.6                 | 0.44 | 1.5  | 2.3  | 1.5    | 19.7 |
|                     |         | 236.538 | 131.762 | 106.362 | 1.6     | 3.6                | 775  | 1440                       | HM231149NA/HM231111D | 2                              | 173    | 227    | 1.6    | 3.6                 | 0.32 | 2.1  | 3.2  | 2.1    | 18.9 |
| 236.538             |         | 131.762 | 106.362 | 1.6     | 6.4     | 856                | 1660 | D                          | 1                    | 167                            | 222.7  | 1.6    | 6.4    | 0.32                | 2.12 | 3.15 | 2.07 | 20.2   |      |
| 236.538             |         | 131.762 | 106.362 | 1.6     | 3.6     | 856                | 1660 | HM231148/HM231111D         | 1                    | 161.4                          | 222.7  | 1.6    | 3.6    | 0.32                | 2.12 | 3.15 | 2.07 | 20.3   |      |
|                     | 236.538 | 131.762 | 106.362 | 1.6     | 3.6     | 719                | 1460 | 82587/82932D               | 1                    | 161.4                          | 224.3  | 1.6    | 3.6    | 0.44                | 1.53 | 2.27 | 1.49 | 20.4   |      |
|                     | 241.3   | 131.762 | 106.362 | 1.6     | 3.6     | 775                | 1440 | HM231149/HM231116D         | 1                    | 173                            | 230    | 1.6    | 3.6    | 0.32                | 2.1  | 3.2  | 2.1  | 20.4   |      |
|                     | 241.3   | 131.762 | 106.362 | 1.6     | 3.6     | 685                | 1360 | 82587/82951D               | 1                    | 175                            | 230    | 1.6    | 3.6    | 0.44                | 1.5  | 2.3  | 1.5  | 21     |      |
|                     | 241.3   | 131.762 | 106.362 | 1.6     | 3.6     | 775                | 1440 | HM231149NA/HM231116D       | 2                    | 173                            | 230    | 1.6    | 3.6    | 0.32                | 2.1  | 3.2  | 2.1  | 20.5   |      |
|                     | 241.3   | 131.762 | 106.362 | 1.6     | 6.4     | 856                | 1660 | D                          | 1                    | 167                            | 222.7  | 1.6    | 6.4    | 0.32                | 2.12 | 3.15 | 2.07 | 21.7   |      |
|                     | 241.3   | 131.762 | 106.362 | 1.6     | 3.6     | 856                | 1660 | HM231148/HM231116D         | 1                    | 161.4                          | 222.7  | 1.6    | 3.6    | 0.32                | 2.12 | 3.15 | 2.07 | 21.8   |      |
|                     | 254     | 149.225 | 111.125 | 1.6     | 6.4     | 885                | 1660 | 99587/99102D               | 1                    | 184                            | 245    | 1.6    | 6.4    | 0.41                | 1.7  | 2.5  | 1.6  | 27.4   |      |

Double-row Taper Roller Bearing with Double Inner Ring  
(Inch Series)

WSW

| 基    本    尺    寸(mm) |         |            |         |         |         | 基本额定载荷(kN)         |      |                                     | 结构 | 相关安装尺寸                         |        |        |        | 计算系数                |      |      | 质量(kg) |        |
|----------------------|---------|------------|---------|---------|---------|--------------------|------|-------------------------------------|----|--------------------------------|--------|--------|--------|---------------------|------|------|--------|--------|
| Boundary             |         | Dimensions |         |         |         | Basic Load Ratings |      | 轴    承    代    号<br>Bearing Numbers |    | Abutment and Fillet Dimensions |        |        |        | Calculation Factors |      |      | Mass   |        |
| d                    | D       | T          | C       | r1.2min | r3.4min | Cr                 | Cor  |                                     |    | da min                         | Da max | rb max | ra max | e                   | Y1   | Y2   | Y0     | Refer. |
| 149.225              | 254     | 152.4      | 114.3   | 1.6     | 6.4     | 941                | 1830 | 99587/99101D                        | 1  | 168.4                          | 236.4  | 1.6    | 6.4    | 0.41                | 1.66 | 2.47 | 1.62   | 29.1   |
| 150                  | 244.475 | 107.95     | 79.375  | 1.6     | 3.6     | 552                | 989  | 81590/81963D                        | 1  | 162.2                          | 226.5  | 1.6    | 3.6    | 0.35                | 1.93 | 2.88 | 1.89   | 16.8   |
| 150.812              | 244.475 | 107.95     | 79.375  | 1.6     | 3.6     | 570                | 1020 | 81593/81963D                        | 1  | 177                            | 235    | 1.6    | 3.6    | 0.35                | 1.9  | 2.9  | 1.9    | 16.9   |
| 152.4                | 222.25  | 100.01     | 76.2    | 0.8     | 8       | 490                | 1060 | M231648/M231610D                    | 1  | 179                            | 215    | 0.8    | 8      | 0.33                | 2    | 3    | 2      | 11.9   |
|                      | 222.25  | 100.01     | 76.2    | 0.8     | 3.6     | 575                | 1187 | M231649/M231610D                    | 1  | 175                            | 215    | 0.8    | 3.6    | 0.33                | 2    | 3    | 2      | 12     |
|                      | 222.25  | 100.01     | 76.2    | 0.8     | 8       | 541                | 1190 | M231648/M231610D                    | 1  | 173.2                          | 209.3  | 0.8    | 8      | 0.33                | 2.03 | 3.02 | 1.98   | 11.8   |
|                      | 222.25  | 100.01     | 76.2    | 0.8     | 3.6     | 541                | 1190 | M231649/M231610D                    | 1  | 164.6                          | 209.3  | 0.8    | 3.6    | 0.33                | 2.03 | 3.02 | 1.98   | 11.9   |
|                      | 222.25  | 106.36     | 82.55   | 0.8     | 3.6     | 490                | 1060 | M231649/M231611D                    | 1  | 175                            | 215    | 0.8    | 3.6    | 0.33                | 2    | 3    | 2      | 12.5   |
|                      | 244.475 | 107.95     | 79.375  | 1.6     | 3.6     | 570                | 1020 | 81600/81693D                        | 1  | 178                            | 235    | 1.6    | 3.6    | 0.35                | 1.9  | 2.9  | 1.9    | 16.6   |
|                      | 254     | 149.225    | 111.125 | 1.6     | 7       | 885                | 1660 | 99600/99102D                        | 1  | 185                            | 245    | 1.6    | 7      | 0.41                | 1.7  | 2.5  | 1.6    | 26.5   |
|                      | 254     | 152.4      | 114.3   | 1.6     | 7       | 885                | 1660 | 99600/99101D                        | 1  | 185                            | 245    | 1.6    | 7      | 0.41                | 1.7  | 2.5  | 1.6    | 27.1   |
|                      | 268.288 | 160.338    | 125.412 | 1.6     | 7       | 1040               | 1960 | EE107060/107105D                    | 1  | 187                            | 256    | 1.6    | 7      | 0.39                | 1.7  | 2.6  | 1.7    | 34.6   |
|                      | 307.975 | 200.025    | 146.05  | 2.3     | 9.7     | 1280               | 2150 | EE450601/451215D                    | 1  | 199                            | 289    | 2.3    | 9.7    | 0.33                | 2.1  | 3.1  | 2      | 60.1   |
|                      | 307.975 | 200.025    | 155.575 | 2.3     | 9.7     | 1510               | 2380 | HH234048/HH234011D                  | 1  | 197                            | 294    | 2.3    | 9.7    | 0.33                | 2.1  | 3.1  | 2      | 59.3   |
| 153.988              | 244.475 | 107.95     | 79.375  | 1.6     | 3.6     | 552                | 989  | 81606/81963D                        | 1  | 166.2                          | 226.5  | 1.6    | 3.6    | 0.35                | 1.93 | 2.88 | 1.89   | 16     |
| 158.75               | 225.425 | 85.725     | 69.85   | 0.8     | 3.6     | 410                | 1080 | 46780/46720D                        | 1  | 183                            | 219    | 0.8    | 3.6    | 0.38                | 1.8  | 2.6  | 1.7    | 11.1   |
|                      | 288.925 | 142.875    | 111.125 | 1.6     | 7       | 1050               | 1870 | 158KBE2851                          | 1  | 201                            | 278    | 1.6    | 7      | 0.32                | 2.1  | 3.2  | 2.1    | 37.3   |
|                      | 304.8   | 147.838    | 98.425  | 1.6     | 7       | 939                | 1600 | EE280626/281201D                    | 1  | 176.6                          | 281.2  | 1.6    | 7      | 0.36                | 1.87 | 2.79 | 1.83   | 43     |
| 159.951              | 244.475 | 107.95     | 79.375  | 1.6     | 3.6     | 570                | 1020 | 81629/81963D                        | 1  | 182                            | 235    | 1.6    | 3.6    | 0.35                | 1.9  | 2.9  | 1.9    | 15.1   |
| 160.325              | 288.925 | 142.875    | 111.125 | 1.6     | 7       | 1050               | 1870 | HM237532/HM237510D                  | 1  | 202                            | 278    | 1.6    | 7      | 0.32                | 2.1  | 3.2  | 2.1    | 36.8   |
|                      | 288.925 | 146.05     | 114.3   | 1.6     | 7       | 1080               | 190  | HM237532/HM237511XD                 | 1  | 179.5                          | 270.2  | 1.6    | 7      | 0.32                | 2.12 | 3.15 | 2.07   | 37.9   |
| 161.925              | 374.65  | 184.15     | 130.175 | 1.6     | 7       | 1460               | 2180 | EE117063/117148D                    | 1  | 217                            | 355    | 1.6    | 7      | 0.71                | 0.96 | 1.4  | 0.93   | 89.3   |
| 165.1                | 215.9   | 58.74      | 47.625  | 0.8     | 1.5     | 263                | 590  | L433749/L433710D                    | 1  | 180                            | 210    | 0.8    | 1.5    | 0.36                | 1.9  | 2.8  | 1.8    | 5.3    |
|                      | 225.425 | 85.725     | 69.85   | 0.8     | 8       | 470                | 1121 | 46790/46720D                        | 1  | 186                            | 219    | 0.8    | 8      | 0.37                | 1.8  | 2.7  | 1.8    | 10     |

Double-row Taper Roller Bearing with Double Inner Ring  
(Inch Series)

WSW

| 基 本 尺 寸(mm)         |         |         |         |         |         | 基本额定载荷(kN)         |      |                            | 结构 | 相关安装尺寸                         |        |        |        | 计算系数                |      |      |      | 质量(kg) |
|---------------------|---------|---------|---------|---------|---------|--------------------|------|----------------------------|----|--------------------------------|--------|--------|--------|---------------------|------|------|------|--------|
| Boundary Dimensions |         |         |         |         |         | Basic Load Ratings |      | 轴 承 代 号<br>Bearing Numbers |    | Abutment and Fillet Dimensions |        |        |        | Calculation Factors |      |      |      | Mass   |
| d                   | D       | T       | C       | r1.2min | r3.4min | Cr                 | Cor  |                            |    | da min                         | Da max | rb max | ra max | e                   | Y1   | Y2   | Y0   | Refer. |
| 165.1               | 225.425 | 85.725  | 69.85   | 0.8     | 3.6     | 442                | 1140 | 46790R/46720D              | 1  | 177.3                          | 215    | 0.8    | 3.6    | 0.38                | 1.76 | 2.62 | 1.72 | 9.64   |
|                     | 247.65  | 103.188 | 84.138  | 0.8     | 3.6     | 595                | 1410 | 67780/67720D               | 1  | 194                            | 241    | 0.8    | 3.6    | 0.44                | 1.5  | 2.3  | 1.5  | 17.2   |
|                     | 247.65  | 106.362 | 87.312  | 0.8     | 3.6     | 593                | 1400 | 67780/67721D               | 1  | 177.3                          | 237.6  | 0.8    | 3.6    | 0.44                | 1.54 | 2.29 | 1.5  | 17.4   |
|                     | 254     | 101.6   | 76.2    | 1.6     | 4.8     | 635                | 1190 | M235145/M235113D           | 1  | 191                            | 244    | 1.6    | 4.8    | 0.32                | 2.1  | 3.2  | 2.1  | 16.4   |
|                     | 288.925 | 142.875 | 111.125 | 1.6     | 7       | 1050               | 1870 | HM237535/HM237510D         | 1  | 204                            | 278    | 1.6    | 7      | 0.32                | 2.1  | 3.2  | 2.1  | 35.4   |
|                     | 288.925 | 142.875 | 111.125 | 1.6     | 7       | 1111               | 2166 | 94649/94114D               | 1  | 206                            | 277    | 1.6    | 7      | 0.46                | 1.5  | 2.2  | 1.4  | 38     |
|                     | 288.925 | 142.875 | 111.125 | 1.6     | 3.6     | 1080               | 1950 | HM237536NA/HM237510D       | 1  | 177.3                          | 270.2  | 1.6    | 3.6    | 0.32                | 2.12 | 3.15 | 2.07 | 36.1   |
|                     | 288.925 | 142.875 | 111.125 | 1.6     | 3.6     | 943                | 1920 | 94650/94114D               | 1  | 177.3                          | 269.8  | 1.6    | 3.6    | 0.47                | 1.44 | 2.15 | 1.41 | 37.8   |
|                     | 288.925 | 146.05  | 114.3   | 1.6     | 7       | 1050               | 1870 | HM237535/HM237511D         | 1  | 204                            | 278    | 1.6    | 7      | 0.32                | 2.1  | 3.2  | 2.1  | 36     |
|                     | 298.45  | 142.875 | 111.125 | 1.6     | 7       | 943                | 1920 | 94649/94118D               | 1  | 184.3                          | 269.8  | 1.6    | 7      | 0.47                | 1.44 | 2.15 | 1.41 | 41.5   |
|                     | 298.45  | 142.875 | 111.125 | 1.6     | 3.6     | 943                | 1920 | 94650/94118D               | 1  | 177.3                          | 269.8  | 1.6    | 3.6    | 0.47                | 1.44 | 2.15 | 1.41 | 41.6   |
|                     | 347.662 | 146.05  | 107.95  | 1.6     | 9.7     | 1310               | 2010 | EE618065/618136D           | 1  | 214                            | 326    | 1.6    | 9.7    | 0.33                | 2    | 3    | 2    | 58.7   |
|                     | 368.3   | 193.675 | 136.525 | 1.6     | 9.7     | 1500               | 2690 | EE420651/421451D           | 1  | 234                            | 353    | 1.6    | 9.7    | 0.42                | 1.6  | 2.4  | 1.6  | 93     |
| 165.496             | 225.425 | 95.25   | 69.85   | 0.8     | 3.6     | 442                | 1140 | 46790R/46720D              | 1  | 177.7                          | 215    | 0.8    | 3.6    | 0.38                | 1.76 | 2.62 | 1.72 | 10.3   |
| 166.688             | 225.425 | 85.725  | 69.85   | 0.8     | 3.6     | 442                | 1140 | 46792R/46720D              | 1  | 178.9                          | 215    | 0.8    | 3.6    | 0.38                | 1.76 | 2.62 | 1.72 | 9.37   |
| 168.275             | 247.65  | 103.188 | 84.138  | 0.8     | 3.6     | 595                | 1410 | 67782/67720D               | 1  | 195                            | 241    | 0.8    | 3.6    | 0.44                | 1.5  | 2.3  | 1.5  | 16.5   |
|                     | 247.65  | 106.362 | 87.312  | 0.8     | 3.6     | 593                | 1400 | 67782/67721D               | 1  | 180.5                          | 237.6  | 0.8    | 3.6    | 0.44                | 1.54 | 2.29 | 1.5  | 16.7   |
| 170                 | 254     | 101.6   | 76.2    | 1.6     | 4.8     | 635                | 1190 | M235149/M235113D           | 1  | 194                            | 244    | 1.6    | 4.8    | 0.32                | 2.1  | 3.2  | 2.1  | 15.4   |
| 171.45              | 288.925 | 142.875 | 111.125 | 1.6     | 7       | 943                | 1920 | 94675/94114D               | 1  | 190.7                          | 269.8  | 1.6    | 7      | 0.47                | 1.44 | 2.15 | 1.41 | 35.9   |
|                     | 298.45  | 142.875 | 111.125 | 1.6     | 7       | 943                | 1920 | 94675/94118D               | 1  | 190.7                          | 269.8  | 1.6    | 7      | 0.47                | 1.44 | 2.15 | 1.41 | 39.6   |
| 174.625             | 247.65  | 103.188 | 84.138  | 0.8     | 3.6     | 595                | 1410 | 67787/67720D               | 1  | 199                            | 241    | 0.8    | 3.6    | 0.44                | 1.5  | 2.3  | 1.5  | 15.1   |
|                     | 247.65  | 103.188 | 84.138  | 0.8     | 7.9     | 593                | 1400 | 67786/67720D               | 1  | 195.4                          | 237.6  | 0.8    | 7.9    | 0.44                | 1.54 | 2.29 | 1.5  | 14.8   |
|                     | 247.65  | 106.362 | 87.312  | 0.8     | 7.9     | 593                | 1400 | 67786/67721D               | 1  | 195.4                          | 237.6  | 0.8    | 7.9    | 0.44                | 1.54 | 2.29 | 1.5  | 15.2   |
|                     | 247.65  | 106.362 | 87.312  | 0.8     | 3.6     | 593                | 1400 | 67787/67721D               | 1  | 186.8                          | 237.6  | 0.8    | 3.6    | 0.44                | 1.54 | 2.29 | 1.5  | 15.3   |
|                     | 288.925 | 142.875 | 111.125 | 0.8     | 3.6     | 940                | 1900 | 94687/94114D               | 1  | 204                            | 272    | 0.8    | 3.6    | 0.47                | 1.44 | 2.15 | 1.41 | 33.1   |
|                     | 288.925 | 142.875 | 111.125 | 1.6     | 7       | 1080               | 1950 | HM237542/HM237510D         | 1  | 193.8                          | 270.2  | 1.6    | 7      | 0.32                | 2.12 | 3.15 | 2.07 | 33.1   |
|                     |         |         |         |         |         |                    |      |                            |    |                                |        |        |        |                     |      |      |      |        |
|                     |         |         |         |         |         |                    |      |                            |    |                                |        |        |        |                     |      |      |      |        |

Double-row Taper Roller Bearing with Double Inner Ring  
(Inch Series)

WSW

| 基 本 尺 寸(mm)         |         |         |         |         |         | 基本额定载荷(kN)         |      |                            | 结构<br><br>Design | 相关安装尺寸                         |        |        |        | 计算系数                |      |      |      | 质量(kg) |
|---------------------|---------|---------|---------|---------|---------|--------------------|------|----------------------------|------------------|--------------------------------|--------|--------|--------|---------------------|------|------|------|--------|
| Boundary Dimensions |         |         |         |         |         | Basic Load Ratings |      | 轴 承 代 号<br>Bearing Numbers |                  | Abutment and Fillet Dimensions |        |        |        | Calculation Factors |      |      |      | Mass   |
| d                   | D       | T       | C       | r1.2min | r3.4min | Cr                 | Cor  |                            |                  | da min                         | Da max | rb max | ra max | e                   | Y1   | Y2   | Y0   | Refer. |
| 174.625             | 288.925 | 142.875 | 111.125 | 1.6     | 7       | 943                | 1920 | 94687/94114D               | 1                | 193.8                          | 269.8  | 1.6    | 7      | 0.47                | 1.44 | 2.15 | 1.41 | 34.9   |
|                     | 288.925 | 146.05  | 114.3   | 1.6     | 7       | 1050               | 1870 | HM237542/HM237511D         | 1                | 209                            | 278    | 1.6    | 7      | 0.32                | 2.1  | 3.2  | 2.1  | 33.1   |
|                     | 298.45  | 142.875 | 111.125 | 1.6     | 7       | 943                | 1920 | 94687/94118D               | 1                | 193.8                          | 269.8  | 1.6    | 7      | 0.47                | 1.44 | 2.15 | 1.41 | 38.7   |
| 177.8               | 227.012 | 66.672  | 52.388  | 0.8     | 1.5     | 299                | 785  | 36990/36920D               | 1                | 193                            | 222    | 0.8    | 1.5    | 0.44                | 1.5  | 2.3  | 1.5  | 6.4    |
|                     | 247.65  | 103.188 | 84.138  | 0.8     | 3.6     | 595                | 1410 | 67790/67720D               | 1                | 200                            | 241    | 0.8    | 3.6    | 0.44                | 1.5  | 2.3  | 1.5  | 14.4   |
|                     | 247.65  | 103.188 | 84.138  | 0.8     | 10.4    | 595                | 1410 | 67991/67720D               | 1                | 207                            | 241    | 0.8    | 10.4   | 0.44                | 1.5  | 2.3  | 1.5  | 14.2   |
|                     | 247.65  | 106.362 | 87.312  | 0.8     | 3.6     | 593                | 1400 | 67790/67721D               | 1                | 190                            | 237.6  | 0.8    | 3.6    | 0.44                | 1.54 | 2.29 | 1.5  | 14.6   |
|                     | 247.65  | 106.362 | 87.312  | 0.8     | 10.4    | 593                | 1400 | 67791/67721D               | 1                | 203.6                          | 237.6  | 0.8    | 10.4   | 0.44                | 1.54 | 2.29 | 1.5  | 14.4   |
|                     | 269.875 | 119.062 | 93.662  | 1.6     | 3.6     | 836                | 1805 | M238840/M238810D           | 1                | 208                            | 262    | 1.6    | 3.6    | 0.33                | 2    | 3    | 2    | 23     |
|                     | 282.575 | 107.95  | 79.375  | 1.6     | 3.6     | 702                | 1450 | 87700/87112D               | 1                | 190                            | 266.3  | 1.6    | 3.6    | 0.42                | 1.62 | 2.42 | 1.59 | 23.8   |
|                     | 285.75  | 136.525 | 92.075  | 1.6     | 6.4     | 775                | 1450 | EE91702/91113XD            | 1                | 210                            | 274    | 1.6    | 6.4    | 0.43                | 1.6  | 2.3  | 1.5  | 28.7   |
|                     | 288.925 | 142.875 | 111.125 | 1.6     | 7       | 1050               | 1870 | HM237545/HM237509D         | 1                | 210                            | 278    | 1.6    | 7      | 0.32                | 2.1  | 3.2  | 2.1  | 31.7   |
|                     | 288.925 | 142.875 | 111.125 | 1.6     | 7       | 930                | 1880 | 94700/94114D               | 1                | 213                            | 277    | 1.6    | 7      | 0.47                | 1.4  | 2.1  | 1.4  | 33.6   |
|                     | 288.925 | 142.875 | 111.125 | 1.6     | 5.6     | 1080               | 1950 | HM237545NA/HM237510        | 1                | 194                            | 270.2  | 1.6    | 5.6    | 0.32                | 2.12 | 3.15 | 2.07 | 32.2   |
|                     | 288.925 | 142.875 | 111.125 | 1.6     | 5.6     | 1050               | 1870 | D                          | 2                | 209                            | 278    | 1.6    | 5.6    | 0.32                | 2.1  | 3.2  | 2.1  | 31.9   |
|                     | 288.925 | 146.05  | 114.3   | 1.6     | 7       | 1050               | 1870 | HM237545NA/HM237510        | 1                | 210                            | 278    | 1.6    | 7      | 0.32                | 2.1  | 3.2  | 2.1  | 32.2   |
|                     | 298.45  | 142.875 | 111.125 | 1.6     | 7       | 930                | 1880 | HM237545/HM237511D         | 1                | 213                            | 282    | 1.6    | 7      | 0.47                | 1.4  | 2.1  | 1.4  | 37.5   |
|                     | 304.8   | 147.838 | 98.425  | 1.6     | 6.4     | 939                | 1600 | 94700/94118D               | 1                | 213                            | 282    | 1.6    | 7      | 0.47                | 1.4  | 2.1  | 1.4  | 37.5   |
|                     | 320.675 | 185.738 | 138.112 | 1.6     | 3.6     | 1470               | 2530 | EE280702/281201D           | 1                | 195.6                          | 281.2  | 1.6    | 6.4    | 0.36                | 1.87 | 2.79 | 1.83 | 37.2   |
|                     | 320.675 | 185.738 | 138.112 | 1.6     | 3.6     | 1270               | 2420 | H239640/H239612D           | 1                | 215                            | 309    | 1.6    | 3.6    | 0.32                | 2.1  | 3.2  | 2.1  | 55.6   |
|                     | 320.675 | 185.738 | 138.112 | 1.6     | 3.6     | 1270               | 2420 | 177KBE3251                 | 1                | 218                            | 309    | 1.6    | 3.6    | 0.49                | 1.4  | 2.1  | 1.4  | 58.9   |
|                     | 320.675 | 185.738 | 138.112 | 1.6     | 3.6     | 1280               | 2450 | EE222070/222127D           | 1                | 190                            | 297.9  | 1.6    | 3.6    | 0.4                 | 1.68 | 2.5  | 1.64 | 59     |
|                     | 368.3   | 193.675 | 136.525 | 1.6     | 12.7    | 1500               | 2690 |                            |                  |                                |        |        |        |                     |      |      |      |        |
|                     |         |         |         |         |         |                    |      | EE420701/421451D           | 1                | 243                            | 353    | 1.6    | 12.7   | 0.42                | 1.6  | 2.4  | 1.6  | 87.6   |
| 179.972             | 317.5   | 146.05  | 111.125 | 1.6     | 3.6     | 990                | 2120 | 93708/93127D               | 1                | 224                            | 306    | 1.6    | 3.6    | 0.52                | 1.3  | 1.9  | 1.3  | 46.9   |
|                     | 319.976 | 146.05  | 111.125 | 1.6     | 3.6     | 990                | 2120 | 93708/93128XD              | 1                | 224                            | 307    | 1.6    | 3.6    | 0.52                | 1.3  | 1.9  | 1.3  | 49.1   |
| 184.15              | 236.538 | 55.56   | 41.275  | 0.8     | 1.5     | 265                | 580  | LL537649/LL537610D         | 1                | 199                            | 230    | 0.8    | 1.5    | 0.37                | 1.8  | 2.7  | 1.8  | 5.5    |
|                     | 242.888 | 95.25   | 69.85   | 0.8     | 3.6     | 425                | 1200 | LM637349NW/LM637310        | 2                | 199                            | 236    | 0.8    | 3.6    | 0.42                | 1.6  | 2.4  | 1.6  | 11.5   |
|                     | 266.7   | 103.188 | 84.138  | 0.8     | 3.6     | 590                | 1440 | D                          | 1                | 212                            | 260    | 0.8    | 3.6    | 0.48                | 1.4  | 2.1  | 1.4  | 18.4   |
|                     |         |         |         |         |         |                    |      | 67883/67820D               |                  |                                |        |        |        |                     |      |      |      |        |

Double-row Taper Roller Bearing with Double Inner Ring  
(Inch Series)

WSW

| 基 本 尺 寸(mm) |         |            |         |         |         | 基本额定载荷(kN)         |      |                            | 结构 | 相关安装尺寸                         |        |        |        | 计算系数                |      |      |      | 质量(kg) |
|-------------|---------|------------|---------|---------|---------|--------------------|------|----------------------------|----|--------------------------------|--------|--------|--------|---------------------|------|------|------|--------|
| Boundary    |         | Dimensions |         |         |         | Basic Load Ratings |      | 轴 承 代 号<br>Bearing Numbers |    | Abutment and Fillet Dimensions |        |        |        | Calculation Factors |      |      |      | Mass   |
| d           | D       | T          | C       | r1.2min | r3.4min | Cr                 | Cor  |                            |    | da min                         | Da max | rb max | ra max | e                   | Y1   | Y2   | Y0   | Refer. |
| 187.325     | 266.7   | 103.188    | 84.138  | 0.8     | 3.6     | 614                | 1520 | 67884/67820D               | 1  | 199.5                          | 256.5  | 0.8    | 3.6    | 0.48                | 1.41 | 2.11 | 1.38 | 18     |
|             | 269.875 | 119.062    | 93.662  | 1.6     | 3.6     | 704                | 1610 | M238849/M238810D           | 1  | 199.5                          | 255    | 1.6    | 3.6    | 0.33                | 2.03 | 3.02 | 1.98 | 20.4   |
|             | 282.575 | 107.95     | 79.375  | 1.6     | 3.6     | 702                | 1450 | 87737/87112D               | 1  | 199.5                          | 266.3  | 1.6    | 3.6    | 0.42                | 1.62 | 2.42 | 1.59 | 21.4   |
|             | 320.675 | 185.738    | 138.112 | 1.6     | 5.6     | 1470               | 2530 | H239649/H239612D           | 1  | 222                            | 309    | 1.6    | 5.6    | 0.32                | 2.1  | 3.2  | 2.1  | 51.6   |
|             | 320.675 | 185.738    | 138.112 | 1.6     | 5.6     | 1280               | 2450 | 222075/222127D             | 1  | 203.5                          | 297.9  | 1.6    | 5.6    | 0.4                 | 1.68 | 2.5  | 1.64 | 55     |
|             | 320.675 | 185.738    | 138.112 | 1.6     | 5.6     | 1470               | 2530 | H239649NA/H239612D         | 2  | 222                            | 309    | 1.6    | 5.6    | 0.32                | 2.1  | 3.2  | 2.1  | 51.8   |
| 190.5       | 266.7   | 103.188    | 84.138  | 0.8     | 3.6     | 590                | 1440 | 67885/67820D               | 1  | 215                            | 260    | 0.8    | 3.6    | 0.48                | 1.4  | 2.1  | 1.4  | 16.9   |
|             | 282.575 | 107.95     | 79.375  | 1.6     | 3.6     | 615                | 1200 | 87750/87112D               | 1  | 217                            | 273    | 1.6    | 3.6    | 0.42                | 1.6  | 2.4  | 1.6  | 20.2   |
|             | 317.5   | 146.05     | 111.125 | 1.6     | 4.3     | 990                | 2120 | 93750/93127D               | 1  | 231                            | 306    | 1.6    | 4.3    | 0.52                | 1.3  | 1.9  | 1.3  | 43.7   |
|             | 319.977 | 146.05     | 111.125 | 1.6     | 4.3     | 1040               | 2270 | 93750/93128XD              | 1  | 204.1                          | 294.5  | 1.6    | 4.3    | 0.52                | 1.29 | 1.92 | 1.26 | 44.8   |
|             | 368.3   | 193.675    | 136.525 | 1.6     | 6.4     | 1610               | 2920 | EE420751/421451D           | 1  | 208.3                          | 334    | 1.6    | 6.4    | 0.4                 | 1.68 | 2.5  | 1.64 | 85.2   |
|             |         |            |         |         |         |                    |      |                            |    |                                |        |        |        |                     |      |      |      |        |
| 192.088     | 266.7   | 103.188    | 84.138  | 0.8     | 10.4    | 614                | 1520 | 67887/67820D               | 1  | 217.9                          | 256.5  | 0.8    | 10.4   | 0.48                | 1.41 | 2.11 | 1.38 | 16.6   |
| 193.675     | 282.575 | 107.95     | 79.375  | 1.6     | 3.6     | 702                | 1450 | 87762/87112D               | 1  | 205.9                          | 266.3  | 1.6    | 3.6    | 0.42                | 1.62 | 2.42 | 1.59 | 19.8   |
| 196.85      | 254     | 61.91      | 47.625  | 0.8     | 1.5     | 305                | 715  | L540049/L540010D           | 1  | 213                            | 247    | 0.8    | 1.5    | 0.4                 | 1.7  | 2.5  | 1.7  | 7.4    |
|             | 257.175 | 85.725     | 66.675  | 0.8     | 3.6     | 459                | 1260 | LM739749/LM739710D         | 1  | 209.1                          | 247    | 0.8    | 3.6    | 0.45                | 1.51 | 2.25 | 1.48 | 11.2   |
|             | 317.5   | 146.05     | 111.125 | 1.6     | 4.3     | 990                | 2120 | 93775/93127D               | 1  | 234                            | 306    | 1.6    | 4.3    | 0.52                | 1.3  | 1.9  | 1.3  | 41.5   |
|             | 319.977 | 146.05     | 111.125 | 1.6     | 4.3     | 1040               | 2270 | 93775/93128XD              | 1  | 210.5                          | 294.5  | 1.6    | 4.3    | 0.52                | 1.29 | 1.92 | 1.26 | 42.6   |
|             |         |            |         |         |         |                    |      |                            |    |                                |        |        |        |                     |      |      |      |        |
| 200.025     | 292.1   | 125.415    | 101.6   | 1.6     | 4.3     | 915                | 2070 | M241543/M241510D           | 1  | 219                            | 279    | 1.6    | 4.3    | 0.33                | 1.03 | 3.02 | 1.98 | 24.8   |
|             | 317.5   | 146.05     | 111.125 | 1.6     | 4.3     | 1040               | 2270 | 93787/93127D               | 1  | 214.6                          | 294.5  | 1.6    | 4.3    | 0.52                | 1.29 | 1.92 | 1.26 | 40.5   |
|             | 319.977 | 146.05     | 111.125 | 1.6     | 4.3     | 1040               | 2270 | 93787/93128XD              | 1  | 214.6                          | 294.5  | 1.6    | 4.3    | 0.52                | 1.29 | 1.92 | 1.26 | 41.5   |
|             |         |            |         |         |         |                    |      |                            |    |                                |        |        |        |                     |      |      |      |        |
|             | 333.375 | 149.225    | 114.3   | 1.6     | 6.4     | 1210               | 240  | HM743337/HM743310D         | 1  | 218.8                          | 315.5  | 1.6    | 6.4    | 0.44                | 1.54 | 2.29 | 1.5  | 49.4   |
|             | 355.6   | 152.4      | 111.125 | 1.6     | 6.4     | 1190               | 2470 | EE130787/131401D           | 1  | 250                            | 340    | 1.6    | 6.4    | 0.33                | 3    | 0.33 | 2    | 60.3   |
|             | 355.6   | 158.75     | 117.475 | 0.8     | 6.8     | 1190               | 2470 | EE130787/131402D           | 1  | 250                            | 341    | 0.8    | 6.8    | 0.33                | 3    | 0.33 | 2    | 62.4   |
|             |         |            |         |         |         |                    |      |                            |    |                                |        |        |        |                     |      |      |      |        |
|             | 384.175 | 238.125    | 193.675 | 1.6     | 6.4     | 2090               | 4450 | H247535/H247510D           | 1  | 258                            | 369    | 1.6    | 6.4    | 0.33                | 3    | 0.33 | 2    | 122    |
|             | 317.5   | 146.05     | 111.125 | 1.6     | 4.3     | 1110               | 2280 | 93787/93127D               | 1  | 225                            | 300    | 1.6    | 4.3    | 0.52                | 1.3  | 1.9  | 1.3  | 41.5   |
|             |         |            |         |         |         |                    |      |                            |    |                                |        |        |        |                     |      |      |      |        |
|             |         |            |         |         |         |                    |      |                            |    |                                |        |        |        |                     |      |      |      |        |
| 201.612     | 368.3   | 193.675    | 136.525 | 1.6     | 4.3     | 1500               | 2690 | EE420793/421451D           | 1  | 246                            | 353    | 1.6    | 4.3    | 0.42                | 2.4  | 0.42 | 1.6  | 77.2   |

Double-row Taper Roller Bearing with Double Inner Ring  
(Inch Series)

WSW

| 基本尺寸(mm)<br>Boundary Dimensions |         |         |         |         |         | 基本额定载荷(kN)<br>Basic Load Ratings |      | 轴 承 代 号<br>Bearing Numbers | 结构<br>Design | 相关安装尺寸<br>Abutment and Fillet Dimensions |        |        |        | 计算系数<br>Calculation Factors |      |      |      | 质量(kg)<br>Mass<br>(参考)<br>Refer. |
|---------------------------------|---------|---------|---------|---------|---------|----------------------------------|------|----------------------------|--------------|------------------------------------------|--------|--------|--------|-----------------------------|------|------|------|----------------------------------|
| d                               | D       | T       | C       | r1.2min | r3.4min | Cr                               | Cor  |                            |              | da min                                   | Da max | rb max | ra max | e                           | Y1   | Y2   | Y0   |                                  |
| 203.2                           | 276.225 | 90.485  | 73.025  | 0.8     | 3.6     | 580                              | 1240 | LM241149/LM241110D         | 1            | 224                                      | 269    | 0.8    | 3.6    | 0.32                        | 3.2  | 0.32 | 2.1  | 13.9                             |
|                                 | 276.225 | 95.25   | 73.025  | 0.8     | 3.6     | 580                              | 1240 | LM241149NW/LM241110D       | 2            | 226                                      | 269    | 0.8    | 3.6    | 0.32                        | 2.1  | 3.2  | 2.1  | 14.7                             |
|                                 | 282.575 | 101.6   | 82.55   | 0.8     | 3.6     | 598                              | 1410 | D                          | 1            | 216.4                                    | 271.5  | 0.8    | 3.6    | 0.51                        | 1.33 | 1.97 | 1.3  | 18.3                             |
|                                 |         |         |         |         |         |                                  |      | 67983/67920D               |              |                                          |        |        |        |                             |      |      |      |                                  |
|                                 | 282.575 | 107.95  | 88.9    | 0.8     | 3.6     | 598                              | 1410 | 67983/67921D               | 1            | 216.4                                    | 271.5  | 0.8    | 3.6    | 0.51                        | 1.33 | 1.97 | 1.3  | 19.3                             |
|                                 | 292.1   | 125.415 | 101.6   | 1.6     | 3.6     | 930                              | 2100 | M241547/M241510D           | 1            | 229                                      | 283    | 1.6    | 3.6    | 0.33                        | 3    | 0.33 | 2    | 25.7                             |
|                                 | 317.5   | 120.65  | 88.9    | 1.6     | 6.4     | 753                              | 1450 | 132083/132126D             | 1            | 222                                      | 292.3  | 1.6    | 6.4    | 0.31                        | 2.15 | 3.21 | 2.11 | 30.9                             |
|                                 |         |         |         |         |         |                                  |      |                            |              |                                          |        |        |        |                             |      |      |      |                                  |
|                                 | 317.5   | 127     | 88.9    | 1.6     | 4       | 790                              | 1450 | EE132083/132126D           | 1            | 232                                      | 302    | 1.6    | 4      | 0.31                        | 3.2  | 0.31 | 2.1  | 30.6                             |
|                                 | 317.5   | 146.05  | 111.125 | 1.6     | 4       | 990                              | 2120 | 93800/93127D               | 1            | 237                                      | 306    | 1.6    | 4      | 0.52                        | 1.9  | 0.52 | 1.3  | 39                               |
|                                 | 317.5   | 146.05  | 111.125 | 1.6     | 7.9     | 1040                             | 2270 | 93800A/93127D              | 1            | 225                                      | 294.5  | 1.6    | 7.9    | 0.52                        | 1.29 | 1.92 | 1.26 | 39.2                             |
|                                 |         |         |         |         |         |                                  |      |                            |              |                                          |        |        |        |                             |      |      |      |                                  |
|                                 | 319.976 | 146.05  | 111.125 | 1.6     | 4.3     | 990                              | 2120 | 93800/93128D               | 1            | 237                                      | 307    | 1.6    | 4.3    | 0.52                        | 1.9  | 0.52 | 1.3  | 40.5                             |
|                                 | 368.3   | 193.675 | 136.525 | 1.6     | 3.2     | 1500                             | 2690 | EE420801/421451D           | 1            | 246                                      | 353    | 1.6    | 3.2    | 0.42                        | 2.4  | 0.42 | 1.6  | 76.4                             |
|                                 | 371.475 | 193.675 | 136.525 | 1.6     | 3.2     | 1610                             | 2920 | EE420801/421462XD          | 1            | 215.6                                    | 334    | 1.6    | 3.2    | 0.4                         | 1.68 | 2.5  | 1.64 | 81.3                             |
| 203.238                         | 406.4   | 196.85  | 127     | 3.2     | 6.4     | 1600                             | 2610 | EE114080/114161D           | 1            | 260                                      | 386    | 3.2    | 6.4    | 0.79                        | 0.85 | 1.3  | 0.83 | 102                              |
|                                 | 406.4   | 196.85  | 127     | 3.2     | 6.4     | 1630                             | 2920 | EE114081/114161D           | 1            | 222                                      | 367.5  | 3.2    | 6.4    | 0.79                        | 0.85 | 1.27 | 0.83 | 105                              |
|                                 | 292.1   | 125.415 | 101.6   | 1.6     | 3.6     | 934                              | 2050 | M241549/M241510D           | 1            | 218                                      | 277.7  | 1.6    | 3.6    | 0.33                        | 2.03 | 3.02 | 1.98 | 24.4                             |
|                                 | 317.5   | 146.05  | 111.125 | 1.6     | 4.3     | 1040                             | 2270 | 93806A/93127D              | 1            | 219.4                                    | 294.5  | 1.6    | 4.3    | 0.52                        | 1.29 | 1.92 | 1.26 | 38.8                             |
| 206.375                         | 319.977 | 146.05  | 111.125 | 1.6     | 4.3     | 1040                             | 2270 | 93806A/93128XD             | 1            | 219.4                                    | 294.5  | 1.6    | 4.3    | 0.52                        | 1.29 | 1.92 | 1.26 | 39.8                             |
|                                 | 282.575 | 101.6   | 82.55   | 0.8     | 3.6     | 630                              | 1600 | 67985/67920D               | 1            | 231                                      | 270.8  |        | 3.6    | 0.51                        | 2    | 0.51 | 1.3  | 18.2                             |
|                                 | 282.575 | 107.95  | 88.9    | 0.8     | 3.6     | 598                              | 1410 | 67985/67921D               | 1            | 219.6                                    | 271.5  | 0.8    | 3.6    | 0.51                        | 1.33 | 1.97 | 1.3  | 18.4                             |
|                                 | 317.5   | 127     | 88.9    | 1.6     | 4       | 790                              | 1450 | EE132084/132126D           | 1            | 234                                      | 302    | 1.6    | 4      | 0.31                        | 3.2  | 0.31 | 2.1  | 29.6                             |
| 209.55                          | 336.55  | 211.138 | 169.862 | 1.6     | 3.2     | 2014                             | 4085 | H242649/H242610D           | 1            | 242                                      | 325    | 1.6    | 3.2    | 0.33                        | 2    | 3    | 2    | 70                               |
|                                 | 282.575 | 101.6   | 82.55   | 0.8     | 3.6     | 598                              | 1410 | 67989/67920D               | 1            | 222.8                                    | 271.5  | 0.8    | 3.6    | 0.51                        | 1.33 | 1.97 | 1.3  | 16.7                             |
|                                 | 317.5   | 146.05  | 111.125 | 1.6     | 4.3     | 990                              | 2120 | 93825/93127D               | 1            | 240                                      | 306    | 1.6    | 4.3    | 0.52                        | 1.3  | 1.9  | 1.3  | 37.1                             |
|                                 | 317.5   | 146.05  | 111.125 | 1.6     | 12.7    | 1040                             | 2270 | 93825A/93127D              | 1            | 241                                      | 294.5  | 1.6    | 12.7   | 0.52                        | 1.29 | 1.92 | 1.26 | 36.7                             |
|                                 |         |         |         |         |         |                                  |      |                            |              |                                          |        |        |        |                             |      |      |      |                                  |
|                                 | 333.375 | 149.225 | 114.3   | 1.6     | 6.4     | 1180                             | 2380 | HM743345/HM743310D         | 1            | 247                                      | 322    | 1.6    | 6.4    | 0.44                        | 1.5  | 2.3  | 1.5  | 45.3                             |
|                                 | 355.6   | 152.4   | 111.125 | 1.6     | 7.1     | 1130                             | 2630 | 96825/96140D               | 1            | 229.8                                    | 331.4  | 1.6    | 7.1    | 0.59                        | 1.14 | 1.7  | 1.12 | 60                               |

Double-row Taper Roller Bearing with Double Inner Ring  
(Inch Series)

WSW



| 基    本    尺    寸(mm) |         |         |         |         |         | 基本额定载荷(kN)         |      |                                     | 结构<br><br>Design | 相关安装尺寸                         |        |        |        | 计算系数                |      |      | 质量(kg) |        |
|----------------------|---------|---------|---------|---------|---------|--------------------|------|-------------------------------------|------------------|--------------------------------|--------|--------|--------|---------------------|------|------|--------|--------|
| Boundary Dimensions  |         |         |         |         |         | Basic Load Ratings |      | 轴    承    代    号<br>Bearing Numbers |                  | Abutment and Fillet Dimensions |        |        |        | Calculation Factors |      |      | Mass   |        |
| d                    | D       | T       | C       | r1.2min | r3.4min | Cr                 | Cor  |                                     |                  | da min                         | Da max | fb max | fa max | e                   | Y1   | Y2   | Y0     | Refer. |
| 212.725              | 285.75  | 98.425  | 76.2    | 0.8     | 3.6     | 600                | 1510 | LM742745/LM742710D                  | 1                | 237                            | 280    | 0.8    | 3.6    | 0.48                | 1.4  | 2.1  | 1.4    | 16.8   |
|                      | 288.925 | 98.425  | 76.2    | 0.8     | 3.6     | 611                | 1560 | LM742745/LM742714D                  | 1                | 225.9                          | 276.4  | 0.8    | 3.6    | 0.48                | 1.4  | 2.09 | 1.37   | 17.6   |
| 215.9                | 285.75  | 98.425  | 76.2    | 0.8     | 3.6     | 611                | 1560 | LM742749/LM742710D                  | 1                | 229.1                          | 276.4  | 0.8    | 3.6    | 0.48                | 1.4  | 2.09 | 1.37   | 15.9   |
|                      | 287.338 | 69.85   | 50.8    | 0.8     | 3.6     | 396                | 945  | 543085/543115D                      | 1                | 229.1                          | 272.4  | 0.8    | 3.6    | 0.38                | 1.76 | 2.62 | 1.72   | 11.4   |
|                      | 288.925 | 98.425  | 76.2    | 0.8     | 3.6     | 611                | 1560 | LM742749/LM742714D                  | 1                | 229.1                          | 276.4  | 0.8    | 3.6    | 0.48                | 1.4  | 2.09 | 1.37   | 16.8   |
|                      | 355.6   | 152.4   | 111.125 | 1.6     | 6.8     | 1250               | 2610 | EE130851/131401D                    | 1                | 235.3                          | 330    | 1.6    | 6.8    | 0.33                | 2.04 | 3.04 | 2      | 55.7   |
|                      | 355.6   | 158.75  | 117.475 | 0.8     | 6.8     | 1250               | 2610 | EE130851/131402D                    | 1                | 235.3                          | 330    | 0.8    | 6.8    | 0.33                | 2.04 | 3.04 | 2      | 57.6   |
|                      | 406.4   | 195.262 | 147.638 | 1.6     | 6.4     | 2040               | 3600 | EE820085/820161D                    | 1                | 267                            | 389    | 1.6    | 6.4    | 0.39                | 1.7  | 2.5  | 1.7    | 101    |
| 219.075              | 358.775 | 196.85  | 181.44  | 1.6     | 6.4     | 1660               | 3590 | 543086/543115D                      | 1                | 237.9                          | 337.2  | 1.6    | 6.4    | 0.33                | 2.03 | 3.02 | 1.98   | 78.3   |
| 219.969              | 287.338 | 69.85   | 50.8    | 0.8     | 3.6     | 396                | 94   | 543086/543115D                      | 1                | 233.2                          | 272.4  | 0.8    | 3.6    | 0.38                | 1.76 | 2.62 | 1.72   | 10.6   |
| 220.662              | 314.325 | 131.762 | 106.362 | 1.6     | 6.4     | 1020               | 2390 | M244249/M244210D                    | 1                | 250                            | 305    | 1.6    | 6.4    | 0.33                | 2    | 3    | 2      | 30.9   |
| 225.425              | 355.6   | 152.4   | 111.125 | 1.6     | 6.8     | 1190               | 2470 | EE130889/131401D                    | 1                | 263                            | 340    | 1.6    | 6.8    | 0.33                | 2    | 3    | 2      | 50.2   |
|                      | 355.6   | 158.75  | 117.475 | 0.8     | 6.7     | 1250               | 2610 | EE130889/131402D                    | 1                | 244.8                          | 330    | 0.8    | 6.7    | 0.33                | 2.04 | 3.04 | 2      | 53.6   |
|                      | 400.05  | 187.325 | 136.525 | 1.6     | 1.5     | 1620               | 3000 | EE430888/431576D                    | 1                | 266                            | 379    | 1.6    | 1.5    | 0.44                | 1.5  | 2.3  | 1.5    | 88     |
| 228.397              | 431.8   | 196.85  | 111.125 | 3.2     | 6.4     | 1520               | 2640 | EE113089/113171D                    | 1                | 287                            | 410    | 3.2    | 6.4    | 0.88                | 0.77 | 1.1  | 0.75   | 105    |
| 228.46               | 431.8   | 196.85  | 111.125 | 3.2     | 6.4     | 1700               | 2890 | EE113091/113171D                    | 1                | 247.3                          | 396.8  | 3.2    | 6.4    | 0.88                | 0.76 | 1.14 | 0.75   | 111    |
| 228.6                | 327.025 | 114.3   | 82.55   | 1.6     | 6.4     | 800                | 2014 | 8573/8520D                          | 1                | 261                            | 316    | 1.6    | 6.4    | 0.4                 | 1.7  | 2.5  | 1.6    | 30     |
|                      | 328.625 | 114.3   | 82.55   | 1.6     | 6.4     | 802                | 1860 | 8573/8522D                          | 1                | 247.4                          | 309.8  | 1.6    | 6.4    | 0.41                | 1.66 | 2.47 | 1.62   | 28.8   |
|                      | 355.6   | 146.05  | 111.125 | 1.6     | 6.4     | 1250               | 2610 | 130902/131401D                      | 1                | 247.4                          | 330    | 1.6    | 6.4    | 0.33                | 2.04 | 3.04 | 2      | 49.4   |
|                      | 355.6   | 152.4   | 111.125 | 1.6     | 7       | 1190               | 2470 | EE130902/131401D                    | 1                | 265                            | 340    | 1.6    | 7      | 0.33                | 2    | 3    | 2      | 48.8   |
|                      | 355.6   | 152.4   | 111.125 | 1.6     | 7       | 1030               | 2340 | 96900/96140D                        | 1                | 270                            | 342    | 1.6    | 7      | 0.59                | 1.1  | 1.7  | 1.1    | 51     |
|                      | 355.6   | 152.4   | 114.3   | 1.6     | 6.4     | 1310               | 2590 | HM746646/HM746610D                  | 1                | 266                            | 345    | 1.6    | 6.4    | 0.47                | 1.4  | 2.1  | 1.4    | 49.1   |
|                      | 355.6   | 152.4   | 111.125 | 1.6     | 7       | 1250               | 2610 | EE130902/131401D                    | 1                | 248                            | 330    | 1.6    | 7      | 0.33                | 2.04 | 3.04 | 2      | 50.4   |
|                      | 228.6   | 355.6   | 152.4   | 111.125 | 1.6     | 7                  | 1130 | 2630                                | 96900/96140D     | 1                              | 248.8  | 331.4  | 1.6    | 7                   | 0.59 | 1.14 | 1.7    | 1.12   |

Double-row Taper Roller Bearing with Double Inner Ring  
(Inch Series)

WSW

| 基 本 尺 寸(mm)<br>Boundary Dimensions |         |         |         |         |         | 基本额定载荷(kN)<br>Basic Load Ratings |      | 轴 承 代 号<br>Bearing Numbers | 结构<br>Design | 相关安装尺寸<br>Abutment and Fillet Dimensions |        |        |        | 计算系数<br>Calculation Factors |      |      |      | 质量(kg)<br>Mass<br>(参考)<br>Refer. |
|------------------------------------|---------|---------|---------|---------|---------|----------------------------------|------|----------------------------|--------------|------------------------------------------|--------|--------|--------|-----------------------------|------|------|------|----------------------------------|
| d                                  | D       | T       | C       | r1.2min | r3.4min | Cr                               | Cor  |                            |              | da min                                   | Da max | rb max | ra max | e                           | Y1   | Y2   | Y0   |                                  |
| 228.6                              | 355.6   | 158.75  | 117.475 | 0.8     | 6.8     | 1190                             | 2470 | EE130902/131402D           | 1            | 265                                      | 341    | 0.8    | 6.8    | 0.33                        | 2    | 3    | 2    | 50.4                             |
|                                    | 358.775 | 152.4   | 117.475 | 1.6     | 3.6     | 1463                             | 3372 | M249732/M249710D           | 1            | 256                                      | 343    | 1.6    | 3.6    | 0.33                        | 2    | 3    | 2    | 57                               |
|                                    | 400.05  | 17.325  | 136.525 | 1.6     | 19.8    | 1690                             | 3210 | EE430902/431576D           | 1            | 274.2                                    | 363.1  | 1.6    | 19.8   | 0.44                        | 1.54 | 2.29 | 1.5  | 86.7                             |
|                                    | 400.05  | 187.325 | 136.525 | 1.6     | 10.4    | 1620                             | 3000 | EE430900/431576D           | 1            | 277                                      | 379    | 1.6    | 10.4   | 0.44                        | 1.5  | 2.3  | 1.5  | 86.1                             |
|                                    | 425.45  | 209.55  | 158.75  | 1.6     | 7       | 2200                             | 4000 | EE700091/700168D           | 1            | 281                                      | 406    | 1.6    | 7      | 0.33                        | 2    | 3    | 2    | 118                              |
|                                    | 488.95  | 254     | 152.4   | 1.6     | 6.4     | 2774                             | 4275 | HH949549/HH949510D         | 1            | 307                                      | 470    | 1.6    | 6.4    | 0.94                        | 0.7  | 1.1  | 0.7  | 205                              |
|                                    |         |         |         |         |         |                                  |      |                            |              |                                          |        |        |        |                             |      |      |      |                                  |
|                                    |         |         |         |         |         |                                  |      |                            |              |                                          |        |        |        |                             |      |      |      |                                  |
|                                    |         |         |         |         |         |                                  |      |                            |              |                                          |        |        |        |                             |      |      |      |                                  |
| 231.775                            | 358.775 | 152.4   | 117.475 | 1.6     | 6.4     | 1330                             | 3170 | M249734/M249710D           | 1            | 250.6                                    | 342.1  | 1.6    | 6.4    | 0.33                        | 2.03 | 3.02 | 1.98 | 55                               |
| 234.95                             | 311.15  | 98.425  | 73.025  | 0.8     | 3.6     | 640                              | 1610 | LM446349/LM446310D         | 1            | 259                                      | 304    | 0.8    | 3.6    | 0.36                        | 1.9  | 2.8  | 1.8  | 18.8                             |
|                                    | 311.15  | 101.6   | 73.025  | 0.8     | 3.6     | 640                              | 1610 | LM446349NW/LM446310D       | 2            | 259                                      | 304    | 0.8    | 3.6    | 0.36                        | 1.9  | 2.8  | 1.8  | 19.3                             |
|                                    | 327.025 | 114.3   | 82.55   | 1.6     | 6.4     | 805                              | 1880 | 8575/8520D                 | 1            | 264                                      | 316    | 1.6    | 6.4    | 0.41                        | 1.7  | 2.5  | 1.6  | 26.1                             |
|                                    | 328.625 | 114.3   | 82.55   | 1.6     | 6.4     | 802                              | 1860 | 8575/8522D                 | 1            | 253.8                                    | 309.8  | 1.6    | 6.4    | 0.41                        | 1.66 | 2.47 | 1.62 | 26.7                             |
|                                    | 355.6   | 152.4   | 111.125 | 1.6     | 7       | 1030                             | 2340 | 96925/96140D               | 1            | 273                                      | 342    | 1.6    | 7      | 0.59                        | 1.1  | 1.7  | 1.1  | 48.3                             |
|                                    | 384.175 | 238.125 | 193.675 | 1.6     | 6.4     | 2090                             | 4450 | H247549/H247510D           | 1            | 276                                      | 369    | 1.6    | 6.4    | 0.33                        | 2    | 3    | 2    | 99.7                             |
|                                    |         |         |         |         |         |                                  |      |                            |              |                                          |        |        |        |                             |      |      |      |                                  |
|                                    |         |         |         |         |         |                                  |      |                            |              |                                          |        |        |        |                             |      |      |      |                                  |
|                                    |         |         |         |         |         |                                  |      |                            |              |                                          |        |        |        |                             |      |      |      |                                  |
| 237.33                             | 358.775 | 152.4   | 117.475 | 1.6     | 6.4     | 1330                             | 3170 | M249736/M249710D           | 1            | 256.1                                    | 342.1  | 1.6    | 6.4    | 0.33                        | 2    | 3    | 2    | 52.6                             |
| 241.3                              | 327.025 | 114.3   | 82.55   | 1.6     | 6.4     | 805                              | 1880 | 8578/8520D                 | 1            | 267                                      | 316    | 1.6    | 6.4    | 0.41                        | 1.7  | 2.5  | 1.6  | 23.9                             |
|                                    | 328.625 | 114.3   | 82.55   | 1.6     | 6.4     | 802                              | 1860 | 8578/8522D                 | 1            | 260.1                                    | 309.8  | 1.6    | 6.4    | 0.41                        | 1.66 | 2.47 | 1.62 | 24.6                             |
|                                    | 349.148 | 127     | 101.6   | 1.6     | 6.4     | 950                              | 2050 | EE127095/127136D           | 1            | 260.1                                    | 329.6  | 1.6    | 6.4    | 0.35                        | 1.91 | 2.84 | 1.86 | 36.4                             |
|                                    | 350.838 | 127     | 101.6   | 1.6     | 6.4     | 980                              | 2130 | EE127095/127137D           | 1            | 274                                      | 338    | 1.6    | 6.4    | 0.35                        | 1.9  | 2.8  | 1.9  | 36.9                             |
|                                    | 355.498 | 127     | 101.6   | 1.6     | 6.4     | 980                              | 2130 | EE127095/127139D           | 1            | 274                                      | 341    | 1.6    | 6.4    | 0.35                        | 1.9  | 2.8  | 1.9  | 38.9                             |
|                                    | 368.3   | 120.65  | 85.725  | 1.6     | 6.4     | 870                              | 1850 | EE170950/171451D           | 1            | 260.1                                    | 335.8  | 1.6    | 6.4    | 0.36                        | 1.86 | 2.77 | 1.82 | 41.7                             |
|                                    | 393.7   | 157.162 | 109.538 | 1.6     | 6.4     | 1200                             | 2570 | EE275095/275156D           | 1            | 293                                      | 382    | 1.6    | 6.4    | 0.4                         | 1.7  | 2.5  | 1.6  | 68                               |
|                                    | 406.4   | 155.58  | 107.95  | 1.6     | 6.4     | 1200                             | 2570 | EE275095/275161D           | 1            | 293                                      | 389    | 1.6    | 6.4    | 0.4                         | 1.7  | 2.5  | 1.6  | 74.2                             |
|                                    | 406.4   | 215.9   | 184.15  | 1.6     | 6.4     | 2220                             | 4450 | H249148/H249111D           | 1            | 287                                      | 392    | 1.6    | 6.4    | 0.33                        | 2    | 3    | 2    | 105                              |
|                                    | 444.5   | 209.55  | 158.75  | 1.6     | 6.4     | 2410                             | 4500 | EE923095/923176D           | 1            | 295                                      | 423    | 1.6    | 6.4    | 0.34                        | 2    | 3    | 2    | 133                              |
|                                    | 488.95  | 254     | 196.85  | 1.6     | 6.4     | 2950                             | 5700 | EE295950/295192D           | 1            | 315                                      | 469    | 1.6    | 6.4    | 0.31                        | 2.2  | 3.2  | 2.1  | 207                              |

Double-row Taper Roller Bearing with Double Inner Ring  
(Inch Series)

WSW

| 基 本 尺 寸(mm) |         |            |         |         |         | 基本额定载荷(kN)         |                      |                            | 结构    | 相关安装尺寸                         |        |        |        | 计算系数                |      |      |      | 质量(kg) |
|-------------|---------|------------|---------|---------|---------|--------------------|----------------------|----------------------------|-------|--------------------------------|--------|--------|--------|---------------------|------|------|------|--------|
| Boundary    |         | Dimensions |         |         |         | Basie Load Ratings |                      | 轴 承 代 号<br>Bearing Numbers |       | Abutment and Fillet Dimensions |        |        |        | Calculation Factors |      |      |      | Mass   |
| d           | D       | T          | C       | r1.2min | r3.4min | Cr                 | Cor                  |                            |       | da min                         | Da max | fb max | fa max | e                   | Y1   | Y2   | Y0   | Refer. |
| 244.475     | 349.148 | 133.35     | 101.6   | 1.6     | 6.4     | 950                | 2050                 | EE127096/127136D           | 1     | 263.3                          | 329.6  | 1.6    | 6.4    | 0.35                | 1.91 | 2.84 | 1.86 | 36.3   |
|             | 380.898 | 171.45     | 127     | 1.6     | 6.4     | 1350               | 2930                 | EE126097/126149D           | 1     | 263.3                          | 356.4  | 1.6    | 6.4    | 0.52                | 1.31 | 1.95 | 1.28 | 65.9   |
|             | 381     | 171.45     | 127     | 1.6     | 6.4     | 1410               | 3100                 | EE126097/126151D           | 1     | 286                            | 367    | 1.6    | 6.4    | 0.52                | 1.3  | 1.9  | 1.3  | 65.1   |
| 247.65      | 368.3   | 120.65     | 85.725  | 1.6     | 6.4     | 870                | 1850                 | EE170975/171451D           | 1     | 266.5                          | 335.8  | 1.6    | 6.4    | 0.36                | 1.86 | 2.77 | 1.82 | 39.4   |
|             | 406.4   | 247.65     | 203.2   | 1.6     | 6.4     | 2770               | 6250                 | HH249949/HH249910D         | 1     | 266.5                          | 382.5  | 1.6    | 6.4    | 0.33                | 2.03 | 3.02 | 1.98 | 123    |
| 249.25      | 380.898 | 171.45     | 127     | 1.6     | 6.4     | 1350               | 2930                 | EE126098/126149D           | 1     | 268.1                          | 356.4  | 1.6    | 6.4    | 0.52                | 1.31 | 1.95 | 1.28 | 63.5   |
|             | 381     | 171.45     | 127     | 1.6     | 6.4     | 1410               | 3100                 | EE126098/126151D           | 1     | 288                            | 367    | 1.6    | 6.4    | 0.52                | 1.3  | 1.9  | 1.3  | 62.6   |
| 254         | 323.85  | 63.5       | 50.8    | 0.8     | 1.5     | 263                | 760                  | 29875/29820D               | 1     | 276                            | 315    | 0.8    | 1.5    | 0.35                | 1.9  | 2.9  | 1.9  | 12.4   |
|             | 347.662 | 95.25      | 69.85   | 1.6     | 3.6     | 755                | 1610                 | LM249748/LM249710D         | 1     | 278                            | 336    | 1.6    | 3.6    | 0.33                | 2    | 3    | 2    | 23.1   |
|             | 347.662 | 101.6      | 69.85   | 1.6     | 3.6     | 780                | 1760                 | LM249747NW/LM249710D       | 2     | 285                            | 338    | 1.6    | 3.6    | 0.33                | 2    | 3    | 2    | 25.3   |
|             | 358.775 | 152.4      | 117.475 | 1.6     | 3.6     | 1300               | 3100                 | M249749/M249710D           | 1     | 284                            | 348    | 1.6    | 3.6    | 0.33                | 2    | 3    | 2    | 44.6   |
|             | 365.125 | 130.175    | 98.425  | 1.6     | 6.4     | 990                | 2200                 | EE134100/134144D           | 1     | 289                            | 354    | 1.6    | 6.4    | 0.37                | 1.8  | 2.7  | 1.8  | 39.8   |
|             | 393.7   | 157.162    | 109.538 | 1.6     | 6.4     | 1200               | 2570                 | EE275100/275156D           | 1     | 299                            | 382    | 1.6    | 6.4    | 0.4                 | 1.7  | 2.5  | 1.6  | 61.9   |
|             | 406.4   | 155.575    | 107.95  | 1.6     | 6.4     | 1270               | 3090                 | EE275100/275161D           | 1     | 272.8                          | 377.8  | 1.6    | 6.4    | 0.4                 | 1.68 | 2.5  | 1.64 | 73.4   |
|             | 422.275 | 173.038    | 128.588 | 1.6     | 6.8     | 1950               | 3700                 | HM252343/HM252311D         | 1     | 301                            | 408    | 1.6    | 6.8    | 0.33                | 2    | 3    | 2    | 86.6   |
|             | 422.275 | 173.038    | 128.588 | 1.6     | 1.6     | 1730               | 3360                 | HM252349NA/HM252311D       | 1     | 263.2                          | 397.9  | 1.6    | 1.6    | 0.33                | 2.03 | 3.02 | 1.98 | 87.3   |
|             | 422.275 | 173.038    | 128.588 | 1.6     | 6.4     | 1950               | 3700                 | HM252344/HM252311D         | 2     | 301                            | 408    | 1.6    | 6.4    | 0.33                | 2    | 3    | 2    | 86.8   |
| 422.275     | 178.592 | 139.7      | 1.6     | 6.8     | 2128    | 3847               | HM252343/HM252310D   | 1                          | 301   | 408                            | 1.6    | 6.8    | 0.33   | 2                   | 3    | 2    | 97.5 |        |
| 422.91      | 178.592 | 139.7      | 1.6     | 6.8     | 1730    | 3360               | HM252343/HM252312D   | 1                          | 273.4 | 399.1                          | 1.6    | 6.8    | 0.33   | 2.03                | 3.02 | 1.98 | 90.3 |        |
| 431.724     | 173.038 | 128.588    | 1.6     | 6.8     | 1730    | 3360               | HM252343/HM252315D   | 1                          | 273.4 | 397.9                          | 1.6    | 6.8    | 0.33   | 2.03                | 3.02 | 1.98 | 93.3 |        |
| 431.724     | 173.038 | 128.588    | 1.6     | 6.4     | 1680    | 3420               | 551002/551701D       | 1                          | 272.8 | 388.3                          | 1.6    | 6.4    | 0.33   | 2.03                | 3.02 | 1.98 | 93   |        |
| 431.724     | 173.038 | 128.588    | 1.6     | 6.4     | 1950    | 3700               | HM252343NA/HM252315D | 2                          | 301   | 413                            | 1.6    | 6.4    | 0.33   | 2                   | 3    | 2    | 93.4 |        |
| 444.5       | 165.1   | 114.3      | 1.6     | 6.4     | 1470    | 2770               | EE822100/822176D     | 1                          | 272.8 | 406.2                          | 1.6    | 6.4    | 0.42   | 1.62                | 2.42 | 1.59 | 93.9 |        |
| 495.3       | 162.245 | 120.65     | 1.6     | 6.4     | 1750    | 3220               | EE941002/941951XD    | 1                          | 272.8 | 455.7                          | 1.6    | 6.4    | 0.4    | 1.68                | 2.5  | 1.64 | 135  |        |
| 495.3       | 168.595 | 127        | 1.6     | 6.4     | 1750    | 3220               | EE941002/941953D     | 1                          | 272.8 | 455.7                          | 1.6    | 6.4    | 0.4    | 1.68                | 2.5  | 1.64 | 139  |        |
| 533.4       | 276.225 | 165.1      | 1.6     | 6.4     | 3296    | 5225               | HH953749/HH953710D   | 1                          | 332   | 511                            | 1.6    | 6.4    | 0.94   | 0.7                 | 1.1  | 0.7  | 260  |        |
| 258.763     | 400.05  | 155.575    | 107.95  | 1.6     | 9.5     | 1300               | 2570                 | EE221018/221576D           | 1     | 283.8                          | 371.2  | 1.6    | 9.5    | 0.39                | 1.71 | 2.54 | 1.67 | 59.2   |

Double-row Taper Roller Bearing with Double Inner Ring  
(Inch Series)

WSW

| 基 本 尺 寸(mm)         |         |         |         |         |         | 基本额定载荷(kN)         |      |                            | 结构                   | 相关安装尺寸                         |        |        |        | 计算系数                |      |      |      | 质量(kg) |      |
|---------------------|---------|---------|---------|---------|---------|--------------------|------|----------------------------|----------------------|--------------------------------|--------|--------|--------|---------------------|------|------|------|--------|------|
| Boundary Dimensions |         |         |         |         |         | Basic Load Ratings |      | 轴 承 代 号<br>Bearing Numbers |                      | Abutment and Fillet Dimensions |        |        |        | Calculation Factors |      |      |      | Mass   |      |
| d                   | D       | T       | C       | r1.2min | r3.4min | Cr                 | Cor  |                            |                      | da min                         | Da max | rb max | ra max | e                   | Y1   | Y2   | Y0   | Refer. |      |
| 260.35              | 365.125 | 130.175 | 98.425  | 1.6     | 6.4     | 990                | 2200 | EE134102/134144D           | 1                    | 293                            | 354    | 1.6    | 6.4    | 0.37                | 1.8  | 2.7  | 1.8  | 37.2   |      |
|                     | 400.05  | 146.05  | 107.95  | 1.6     | 6.4     | 1300               | 2570 | 221026/221576D             | 1                    | 279.2                          | 371.2  | 1.6    | 6.4    | 0.39                | 1.71 | 2.54 | 1.67 | 56.7   |      |
|                     | 400.05  | 155.575 | 107.95  | 1.6     | 9.7     | 1260               | 2440 | EE221026/221576D           | 1                    | 300                            | 383    | 1.6    | 9.7    | 0.39                | 1.7  | 2.5  | 1.7  | 58.3   |      |
|                     | 406.4   | 149.225 | 117.475 | 1.6     | 3.2     | 1290               | 2870 | EE128102/128160D           | 1                    | 302                            | 391    | 1.6    | 3.2    | 0.39                | 1.8  | 2.6  | 1.7  | 66.8   |      |
|                     | 419.1   | 184.15  | 136.525 | 1.6     | 3.2     | 1580               | 3250 | EE435102/435165D           | 1                    | 295                            | 395    | 1.6    | 3.2    | 0.61                | 1.11 | 1.66 | 1.09 | 86.8   |      |
|                     | 422.275 | 173.038 | 128.588 | 1.6     | 6.8     | 1950               | 3700 | HM252349/HM252311D         | 1                    | 304                            | 408    | 1.6    | 6.8    | 0.33                | 2    | 3    | 2    | 83.1   |      |
|                     | 422.275 | 178.592 | 139.7   | 1.6     | 6.8     | 2128               | 3847 | HM252349/HM252310D         | 1                    | 304                            | 408    | 1.6    | 6.8    | 0.33                | 2    | 3    | 2    | 86.5   |      |
|                     | 422.275 | 178.598 | 139.7   | 1.6     | 6.8     | 1670               | 3200 | EE551026/551663D           | 1                    | 302                            | 404    | 1.6    | 6.8    | 0.33                | 2    | 3    | 2    | 85.3   |      |
|                     | 422.91  | 178.592 | 139.7   | 1.6     | 6.8     | 1730               | 3360 | HM252349/HM252312D         | 1                    | 279.8                          | 399.1  | 1.6    | 6.8    | 0.33                | 2.03 | 3.02 | 1.98 | 86.7   |      |
|                     | 431.724 | 173.038 | 128.588 | 1.6     | 6.8     | 1730               | 3360 | HM252349/HM252315D         | 1                    | 279.8                          | 397.9  | 1.6    | 6.8    | 0.33                | 2.03 | 3.02 | 1.98 | 89.9   |      |
|                     | 431.724 | 173.038 | 128.588 | 1.6     | 6.4     | 1950               | 3700 | HM252349NA/HM252315D       | 2                    | 304                            | 413    | 1.6    | 6.4    | 0.33                | 2    | 3    | 2    | 89.9   |      |
|                     | 488.95  | 254     | 196.85  | 1.6     | 6.4     | 2950               | 5700 | D                          | 1                    | 325                            | 469    | 1.6    | 6.4    | 0.31                | 2.2  | 3.2  | 2.1  | 193    |      |
|                     | 731.724 | 173.038 | 128.588 | 1.6     | 6.4     | 1730               | 3360 | EE295102/295192D           | 1                    | 279.2                          | 397.9  | 1.6    | 6.4    | 0.33                | 2.03 | 3.02 | 1.98 | 90     |      |
|                     | 263.525 | 355.6   | 127     | 101.6   | 1.6     | 3.6                | 1040 | 2550                       | HM252348NA/HM252315D | 1                              | 276.7  | 342.6  | 1.6    | 3.6                 | 0.36 | 1.87 | 2.79 | 1.83   | 33.1 |
|                     |         | 357.2   | 127     | 101.6   | 1.6     | 3.6                | 1040 | 2550                       | DM451345/LM451310D   | 1                              | 276.7  | 342.6  | 1.6    | 3.6                 | 0.36 | 1.87 | 2.79 | 1.83   | 33.8 |
|                     | 266.7   | 323.85  | 63.5    | 50.8    | 0.8     | 1.6                | 252  | 723                        | LM451345/LM451312D   | 1                              | 275.9  | 307.1  | 0.8    | 1.6                 | 0.35 | 1.95 | 2.9  | 1.91   | 9.57 |
| 352.425             |         | 107.95  | 82.55   | 1.6     | 6.4     | 855                | 2110 | 29880/29820D               | 2                    | 295                            | 343    | 1.6    | 6.4    | 0.32                | 2.1  | 3.2  | 2.1  | 26.3   |      |
| 355.6               |         | 127     | 101.6   | 1.6     | 3.6     | 1060               | 2520 | LM251649NW/LM251610D       | 1                    | 292                            | 348    | 1.6    | 3.6    | 0.36                | 1.9  | 2.8  | 1.8  | 31.2   |      |
| 355.6               |         | 127     | 101.6   | 1.6     | 10.4    | 1040               | 2550 | LM451349/LM451310D         | 1                    | 293.5                          | 342.6  | 1.6    | 10.4   | 0.36                | 1.87 | 2.79 | 1.83 | 31.5   |      |
| 357.2               |         | 127     | 101.6   | 1.6     | 3.6     | 1060               | 2520 | LM451349A/LM451310D        | 1                    | 292                            | 348    | 1.6    | 3.6    | 0.36                | 1.9  | 2.8  | 1.8  | 32     |      |
| 393.7               |         | 157.162 | 109.538 | 1.6     | 6.4     | 1200               | 2570 | LM451349/LM451312D         | 1                    | 306                            | 382    | 1.6    | 6.4    | 0.4                 | 1.7  | 2.5  | 1.6  | 56.6   |      |
| 406.4               |         | 155.575 | 107.95  | 1.6     | 6.4     | 1200               | 2570 | EE275105/275156D           | 1                    | 306                            | 389    | 1.6    | 6.4    | 0.4                 | 1.7  | 2.5  | 1.6  | 62.8   |      |
| 422.275             |         | 178.598 | 139.7   | 1.6     | 6.8     | 1670               | 3200 | EE275105/275161D           | 1                    | 306                            | 389    | 1.6    | 6.4    | 0.4                 | 1.7  | 2.5  | 1.6  | 62.8   |      |
| 422.275             |         | 178.598 | 139.7   | 1.6     | 6.8     | 1670               | 3200 | EE551050/551663D           | 1                    | 306                            | 404    | 1.6    | 6.8    | 0.33                | 2    | 3    | 2    | 81.6   |      |
| 431.724             |         | 173.038 | 128.588 | 1.6     | 6.8     | 1670               | 3200 | EE551050/551701D           | 1                    | 306                            | 408    | 1.6    | 6.8    | 0.33                | 2    | 3    | 2    | 84.9   |      |
| 269.875             |         | 381     | 158.75  | 123.825 | 1.6     | 6.4                | 1360 | 3200                       | EE551050/551701D     | 1                              | 306    | 408    | 1.6    | 6.8                 | 0.33 | 2    | 3    | 2      | 84.9 |
| 273.05              |         | 393.7   | 157.162 | 109.538 | 1.6     | 6.4                | 1200 | 2570                       | M252349/M252310D     | 1                              | 304    | 370    | 1.6    | 6.4                 | 0.33 | 2    | 3    | 2      | 51.6 |
|                     | 406.4   | 155.575 | 107.95  | 1.6     | 6.4     | 1270               | 3090 | EE275108/275156D           | 1                    | 309                            | 382    | 1.6    | 6.4    | 0.4                 | 1.7  | 2.5  | 1.6  | 53.3   |      |
|                     |         |         |         |         |         |                    |      | EE275108/275161D           | 1                    | 291.9                          | 377.8  | 1.6    | 6.4    | 0.4                 | 1.68 | 2.5  | 1.64 | 63.8   |      |

Double-row Taper Roller Bearing with Double Inner Ring  
(Inch Series)

WSW

| 基 本 尺 寸(mm) |         |            |         |         |         | 基本额定载荷(kN)         |      |                            | 结构 | 相关安装尺寸                         |        |        |        | 计算系数                |      |      |      | 质量(kg) |
|-------------|---------|------------|---------|---------|---------|--------------------|------|----------------------------|----|--------------------------------|--------|--------|--------|---------------------|------|------|------|--------|
| Boundary    |         | Dimensions |         |         |         | Basic Load Ratings |      | 轴 承 代 号<br>Bearing Numbers |    | Abutment and Fillet Dimensions |        |        |        | Calculation Factors |      |      |      | Mass   |
| d           | D       | T          | C       | r1.2min | r3.4min | Cr                 | Cor  |                            |    | da min                         | Da max | rb max | ra max | e                   | Y1   | Y2   | Y0   | Refer. |
| 279.4       | 374.65  | 104.775    | 79.375  | 1.6     | 6.4     | 810                | 2020 | L555233/L555210D           | 1  | 300                            | 362    | 1.6    | 6.4    | 0.4                 | 1.68 | 2.5  | 1.64 | 28.5   |
|             | 469.9   | 200.025    | 149.225 | 1.6     | 9.7     | 2030               | 4150 | EE722110/722186D           | 1  | 336                            | 451    | 1.6    | 9.7    | 0.38                | 1.8  | 2.7  | 1.7  | 127    |
|             | 488.95  | 254        | 196.85  | 1       | 1.3     | 2950               | 5700 | EE295110/295192D           | 1  | 329                            | 469    | 1      | 1.3    | 0.31                | 2.2  | 3.2  | 2.1  | 177    |
| 279.982     | 380.898 | 139.7      | 107.95  | 1.6     | 3.6     | 1140               | 2820 | LM654642/LM654610D         | 1  | 293.2                          | 370.2  | 1.6    | 3.6    | 0.43                | 1.57 | 2.34 | 1.53 | 42.7   |
| 280         | 406.4   | 149.225    | 117.475 | 1.6     | 6.4     | 1290               | 2870 | EE128114/128160D           | 1  | 315                            | 391    | 1.6    | 6.4    | 0.39                | 1.8  | 2.6  | 1.7  | 56.9   |
| 280.192     | 406.4   | 120.65     | 85.725  | 1.6     | 6.8     | 890                | 1740 | EE101103/101601D           | 1  | 315                            | 391    | 1.6    | 6.8    | 0.41                | 1.7  | 2.5  | 1.6  | 42.5   |
|             | 406.4   | 149.225    | 117.475 | 1.6     | 6.8     | 1290               | 2870 | EE128111/128160D           | 1  | 316                            | 391    | 1.6    | 6.8    | 0.39                | 1.8  | 2.6  | 1.7  | 56.8   |
| 285.75      | 358.775 | 76.2       | 53.975  | 1.6     | 3.6     | 430                | 1150 | 545112/545142D             | 1  | 307                            | 348    | 1.6    | 3.6    | 0.49                | 1.4  | 2    | 1.3  | 15.8   |
|             | 380.898 | 139.7      | 107.95  | 1.6     | 3.6     | 1168               | 3040 | LM654649/LM654610D         | 1  | 316                            | 371    | 1.6    | 3.6    | 0.43                | 1.6  | 2.3  | 1.6  | 42     |
|             | 469.9   | 177.785    | 127     | 1.6     | 9.7     | 1890               | 3600 | EE921124/921851D           | 1  | 338                            | 450    | 1.6    | 9.7    | 0.29                | 2.3  | 3.4  | 2.3  | 105    |
|             | 476.25  | 177.785    | 127     | 1.6     | 9.7     | 1960               | 3460 | EE921124/921876D           | 1  | 310.8                          | 439.8  | 1.6    | 9.7    | 0.29                | 2.31 | 3.44 | 2.26 | 111    |
|             | 501.65  | 203.2      | 120.65  | 3.2     | 6.4     | 2160               | 4100 | EE147112/147198D           | 1  | 350                            | 483    | 3.2    | 6.4    | 0.83                | 0.81 | 1.2  | 0.79 | 151    |
| 288.925     | 406.4   | 165.1      | 130.175 | 1.6     | 6.4     | 1843               | 4270 | M255449/M255410DC          | 1  | 324                            | 395    | 1.6    | 6.4    | 0.33                | 2    | 3    | 2    | 63     |
|             | 406.4   | 165.1      | 130.175 | 1.6     | 9.5     | 1720               | 4420 | M255448/M255410D           | 1  | 313.9                          | 387.5  | 1.6    | 9.5    | 0.34                | 2    | 2.97 | 1.95 | 64.6   |
| 292.1       | 374.65  | 104.775    | 79.375  | 1.6     | 6.4     | 810                | 2020 | L555249/L555210D           | 1  | 309                            | 361.6  |        | 6.4    | 0.4                 | 1.68 | 2.5  | 1.64 | 25.2   |
|             | 469.9   | 200.025    | 149.225 | 1.6     | 9.5     | 2100               | 4370 | EE722115/722186D           | 1  | 317.1                          | 430.1  | 1.6    | 9.5    | 0.38                | 1.79 | 2.67 | 1.75 | 118    |
|             | 520.7   | 228.6      | 165.1   | 1.6     | 6.4     | 2660               | 4900 | EE224115/224205D           | 1  | 345                            | 492    | 1.6    | 6.4    | 0.33                | 2.1  | 3.1  | 2    | 180    |
|             | 558.8   | 298.45     | 222.25  | 1.6     | 6.4     | 4250               | 8200 | EE790114/790223D           | 1  | 362                            | 537    | 1.6    | 6.4    | 0.39                | 1.7  | 2.5  | 1.7  | 312    |
|             | 558.8   | 298.45     | 222.25  | 1.6     | 19.8    | 4040               | 8000 | EE790116/790223D           | 1  | 337.7                          | 515    | 1.6    | 19.8   | 0.4                 | 1.71 | 2.54 | 1.67 | 306    |
| 298.45      | 444.5   | 146.05     | 98.425  | 1.6     | 8       | 1170               | 2280 | EE291175/291751D           | 1  | 339                            | 427    | 1.6    | 8      | 0.38                | 1.8  | 2.7  | 1.7  | 63.9   |
| 299.974     | 495.3   | 301.625    | 247.65  | 1.6     | 8       | 4200               | 9800 | HH258248/HH258210D         | 1  | 342                            | 467    | 1.6    | 8      | 0.33                | 2.03 | 3.02 | 1.98 | 205    |
| 300.038     | 422.275 | 174.625    | 136.525 | 1.6     | 6.4     | 1950               | 4520 | HM256849/HM256810D         | 1  | 337                            | 411    | 1.6    | 6.4    | 0.33                | 2    | 3    | 2    | 71.5   |
| 300.787     | 438.048 | 161.925    | 123.825 | 1.6     | 6.4     | 1510               | 3450 | 329115/329173D             | 1  | 320.6                          | 411.6  | 1.6    | 6.4    | 0.33                | 2.04 | 3.04 | 2    | 74.4   |

Double-row Taper Roller Bearing with Double Inner Ring  
(Inch Series)

WSW

| 基    本    尺    寸(mm) |         |            |         |         |         | 基本额定载荷(kN)         |      |                                     | 结构 | 相关安装尺寸                         |        |        |        | 计算系数                |      |      |      | 质量(kg) |
|----------------------|---------|------------|---------|---------|---------|--------------------|------|-------------------------------------|----|--------------------------------|--------|--------|--------|---------------------|------|------|------|--------|
| Boundary             |         | Dimensions |         |         |         | Basic Load Ratings |      | 轴    承    代    号<br>Bearing Numbers |    | Abutment and Fillet Dimensions |        |        |        | Calculation Factors |      |      |      | Mass   |
| d                    | D       | T          | C       | r1.2min | r3.4min | Cr                 | Cor  |                                     |    | da min                         | Da max | fb max | fa max | e                   | Y1   | Y2   | Y0   | Refer. |
| 304.8                | 393.7   | 107.95     | 82.55   | 1.6     | 6.4     | 910                | 2280 | L357049/L357010D                    | 1  | 334                            | 385    | 1.6    | 6.4    | 0.36                | 1.9  | 2.8  | 1.8  | 30     |
|                      | 393.7   | 107.95     | 82.55   | 1.6     | 6.4     | 910                | 2280 | L357049NW/L357010D                  | 2  | 335                            | 385    | 1.6    | 6.4    | 0.36                | 1.9  | 2.8  | 1.8  | 30.2   |
|                      | 412.75  | 123.825    | 92.075  | 1.6     | 6.4     | 1090               | 2520 | EE109120/109163D                    | 1  | 337                            | 401    | 1.6    | 6.4    | 0.43                | 1.6  | 2.4  | 1.6  | 42.1   |
|                      | 438.048 | 161.925    | 123.825 | 1.6     | 6.4     | 1510               | 3450 | 329120/329173D                      | 1  | 324.6                          | 411.6  | 1.6    | 6.4    | 0.33                | 2.04 | 3.04 | 2    | 72     |
|                      | 438.048 | 165.1      | 120.65  | 1.6     | 6.4     | 1380               | 3200 | EE129120X/129120D                   | 1  | 334                            | 411    | 1.6    | 6.4    | 0.42                | 1.62 | 2.42 | 1.59 | 71.4   |
|                      | 444.5   | 139.7      | 98.425  | 1.6     | 6.4     | 1240               | 2760 | 291201/291751D                      | 1  | 324.6                          | 413.5  | 1.6    | 6.4    | 0.38                | 1.79 | 2.66 | 1.75 | 64.5   |
|                      | 444.5   | 146.05     | 98.425  | 1.6     | 8       | 1170               | 2280 | EE291201/291751D                    | 1  | 342                            | 427    | 1.6    | 8      | 0.38                | 1.8  | 2.7  | 1.7  | 60.5   |
|                      | 495.3   | 162.245    | 120.65  | 1.6     | 6.4     | 1750               | 3220 | EE941205/941951XD                   | 1  | 324.6                          | 455.7  | 1.6    | 6.4    | 0.4                 | 1.68 | 2.5  | 1.64 | 107    |
|                      | 495.3   | 168.595    | 127     | 1.6     | 6.4     | 1840               | 3550 | EE941205/941953D                    | 1  | 352                            | 471    | 1.6    | 6.4    | 0.4                 | 1.7  | 2.5  | 1.7  | 111    |
| 304.8                | 495.3   | 195.85     | 146.05  | 1.6     | 16      | 2180               | 4680 | EE724119/724196D                    | 1  | 343.8                          | 457.4  | 1.6    | 16     | 0.4                 | 1.68 | 2.5  | 1.64 | 135    |
|                      | 495.3   | 196.85     | 146.05  | 1.6     | 16      | 2130               | 4300 | EE724120/724196D                    | 1  | 364                            | 474    | 1.6    | 16     | 0.4                 | 1.7  | 2.5  | 1.6  | 130    |
|                      | 558.8   | 298.45     | 222.25  | 1.2     | 1.6     | 4250               | 8200 | EE790120/790223D                    | 1  | 364                            | 537    | 1.2    | 1.6    | 0.39                | 1.7  | 2.5  | 1.7  | 298    |
| 311.15               | 558.8   | 190.5      | 111.125 | 3.2     | 9.7     | 2140               | 4250 | EE148122/148221D                    | 1  | 377                            | 521    | 3.2    | 9.7    | 0.88                | 0.77 | 1.1  | 0.75 | 173    |
| 317.5                | 444.5   | 146.05     | 98.425  | 1.6     | 8       | 1170               | 2280 | EE291250/291751D                    | 1  | 349                            | 427    | 1.6    | 8      | 0.38                | 1.8  | 2.7  | 1.7  | 53.4   |
|                      | 447.675 | 180.975    | 146.05  | 1.6     | 3.6     | 2210               | 5130 | HM259049/HM259010D                  | 1  | 353                            | 435    | 1.6    | 3.6    | 0.33                | 2    | 3    | 2    | 84     |
|                      | 622.3   | 304.8      | 174.625 | 3.2     | 14.3    | 3900               | 7550 | H961649/H961610D                    | 1  | 414                            | 597    | 3.2    | 14.3   | 0.94                | 0.72 | 1.1  | 0.7  | 386    |
| 329.87               | 533.4   | 165.1      | 114.3   | 1.6     | 4.7     | 1810               | 3600 | EE971298/972102D                    | 1  | 383                            | 510    | 1.6    | 4.7    | 0.33                | 2    | 3    | 2    | 125    |
|                      | 533.4   | 174.635    | 123.825 | 1.6     | 4.7     | 1810               | 3600 | EE971298/972103D                    | 1  | 383                            | 510    | 1.6    | 4.7    | 0.33                | 2    | 3    | 2    | 130    |
|                      | 546.1   | 177.8      | 152.4   | 3.2     | 4.7     | 1810               | 3600 | EE971298/972151D                    | 1  | 383                            | 517    | 3.2    | 4.7    | 0.33                | 2    | 3    | 2    | 151    |
| 330.2                | 482.6   | 133.35     | 88.9    | 1.6     | 7       | 1210               | 2840 | EE161300/161901                     | 1  | 377                            | 465    | 1.6    | 7      | 0.5                 | 1.4  | 2    | 1.3  | 73.6   |
|                      | 482.6   | 133.35     | 88.9    | 1.6     | 7       | 1050               | 2500 | EE161300/161901D                    | 1  | 351.4                          | 453.4  | 1.6    | 7      | 0.5                 | 1.35 | 2.01 | 1.32 | 74.8   |
|                      | 482.6   | 177.8      | 127     | 1.6     | 3.2     | 2130               | 4750 | EE526130/526191D                    | 1  | 370                            | 465    | 1.6    | 3.2    | 0.4                 | 1.7  | 2.5  | 1.6  | 100    |
| 333.375              | 469.9   | 190.5      | 152.4   | 1.6     | 6.4     | 2340               | 5400 | HM261049/HM261010D                  | 1  | 375                            | 457    | 1.6    | 6.4    | 0.33                | 2    | 3    | 2    | 98     |
| 342.9                | 457.098 | 142.875    | 101.6   | 1.6     | 3.2     | 1170               | 3050 | LM961548/LM961511D                  | 1  | 378                            | 444    | 1.6    | 3.2    | 0.71                | 0.95 | 1.4  | 0.93 | 59.4   |
|                      | 533.4   | 165        | 114.3   | 1.6     | 4.7     | 1810               | 3600 | EE971354/972102D                    | 1  | 390                            | 510    | 1.6    | 4.7    | 0.33                | 2    | 3    | 2    | 116    |
|                      | 533.4   | 174.63     | 123.825 | 1.6     | 4.8     | 2261               | 4180 | EE971354/972103D                    | 1  | 390                            | 510    | 1.6    | 4.8    | 0.33                | 2    | 3    | 2    | 130    |
|                      | 546.1   | 177.8      | 152.4   | 3.2     | 4.7     | 1810               | 3600 | EE971354/972151D                    | 1  | 390                            | 517    | 3.2    | 4.7    | 0.33                | 2    | 3    | 2    | 141    |

Double-row Taper Roller Bearing with Double Inner Ring  
(Inch Series)

WSW

| 基    本    尺    寸(mm) |         |         |         |         |         | 基本额定载荷(kN)         |      |                                     | 结构 | 相关安装尺寸                         |        |        |        | 计算系数                |      |      |      | 质量(kg) |
|----------------------|---------|---------|---------|---------|---------|--------------------|------|-------------------------------------|----|--------------------------------|--------|--------|--------|---------------------|------|------|------|--------|
| Boundary Dimensions  |         |         |         |         |         | Basic Load Ratings |      | 轴    承    代    号<br>Bearing Numbers |    | Abutment and Fillet Dimensions |        |        |        | Calculation Factors |      |      |      | Mass   |
| d                    | D       | T       | C       | r1.2min | r3.4min | Cr                 | Cor  |                                     |    | da min                         | Da max | fb max | fa max | e                   | Y1   | Y2   | Y0   | Refer. |
| 346.075              | 482.6   | 133.35  | 88.9    | 1.6     | 7       | 1210               | 2840 | EE161363/161901D                    | 1  | 385                            | 465    | 1.6    | 7      | 0.5                 | 1.4  | 2    | 1.3  | 64.8   |
|                      | 488.95  | 200.025 | 158.75  | 1.6     | 6.4     | 2500               | 5980 | HM262749/HM262710D                  | 1  | 386                            | 475    | 1.6    | 6.4    | 0.33                | 2    | 3    | 2    | 110    |
| 349.25               | 514.35  | 193.675 | 152.4   | 1.6     | 6.4     | 2270               | 5450 | EE333137/333203D                    | 1  | 394                            | 495    | 1.6    | 6.4    | 0.37                | 1.8  | 2.7  | 1.8  | 130    |
| 354.013              | 482.6   | 133.35  | 88.9    | 1.6     | 7       | 1050               | 2500 | EE161394/161901D                    | 1  | 375.2                          | 453.4  | 1.6    | 7      | 0.5                 | 1.35 | 2.01 | 1.32 | 61.6   |
| 355.6                | 444.5   | 136.525 | 111.125 | 1.6     | 3.6     | 1180               | 3460 | L163149/L163110D                    | 1  | 381                            | 435    | 1.6    | 3.6    | 0.31                | 2.2  | 3.3  | 2.2  | 46     |
|                      | 482.6   | 133.35  | 88.9    | 1.6     | 7       | 1210               | 2840 | EE161400/161901D                    | 1  | 390                            | 465    | 1.6    | 7      | 0.5                 | 1.4  | 2    | 1.3  | 59.3   |
|                      | 501.65  | 155.575 | 107.95  | 1.6     | 6.4     | 1740               | 4040 | EE231400/231976D                    | 1  | 403                            | 489    | 1.6    | 6.4    | 0.44                | 1.5  | 2.3  | 1.4  | 87     |
|                      | 514.35  | 193.675 | 152.4   | 1.6     | 6.4     | 2270               | 5450 | EE333140/333203D                    | 1  | 397                            | 495    | 1.6    | 6.4    | 0.37                | 1.8  | 2.7  | 1.8  | 125    |
|                      |         |         |         |         |         |                    |      |                                     |    |                                |        |        |        |                     |      |      |      |        |
| 368.249              | 523.875 | 214.312 | 169.862 | 1.6     | 6.4     | 2980               | 7130 | HM265049/HM265010D                  | 1  | 400                            | 499    | 1.6    | 6.4    | 0.33                | 2    | 3    | 2    | 140    |
| 368.3                | 596.9   | 203.2   | 133.35  | 2.3     | 9.7     | 2930               | 5560 | EE181453/182351D                    | 1  | 428                            | 570    | 2.3    | 9.7    | 0.41                | 1.7  | 2.5  | 1.6  | 188    |
| 371.475              | 501.65  | 155.575 | 107.95  | 1.6     | 6.4     | 1740               | 4040 | 231462/231976DC                     | 1  | 411                            | 489    | 1.6    | 6.4    | 0.44                | 1.5  | 2.3  | 1.4  | 76.5   |
|                      | 514.35  | 155.575 | 107.95  | 1.6     | 6.4     | 1360               | 3300 | EE231462/232026D                    | 1  | 411                            | 495    | 1.6    | 6.4    | 0.44                | 1.5  | 2.3  | 1.5  | 83.8   |
| 377.825              | 508     | 139.7   | 88.9    | 1.6     | 6.4     | 1180               | 2980 | EE192148/192201D                    | 1  | 397.6                          | 479.7  | 1.6    | 6.4    | 0.53                | 1.27 | 1.89 | 1.24 | 68.8   |
| 381                  | 508     | 139.7   | 88.9    | 1.6     | 6.4     | 1180               | 2980 | EE192150/192201D                    | 1  | 400.8                          | 479.7  | 1.6    | 6.4    | 0.53                | 1.27 | 1.89 | 1.24 | 66.7   |
|                      | 546.1   | 222.25  | 177.8   | 1.6     | 6.4     | 3150               | 8000 | HM266447/HM266410D                  | 1  | 428                            | 531    | 1.6    | 6.4    | 0.33                | 2    | 3    | 2    | 162    |
|                      | 590.55  | 244.475 | 193.675 | 1.6     | 6.4     | 3100               | 8350 | HM268730/HM268710D                  | 1  | 425                            | 561    | 1.6    | 6.4    | 0.33                | 2.03 | 3.02 | 1.98 | 218    |
| 384.175              | 441.325 | 68.262  | 52.388  | 1.6     | 6.4     | 360                | 1060 | LL365340/LL365310D                  | 1  | 399                            | 433    | 1.6    | 6.4    | 0.34                | 1.99 | 2.96 | 1.94 | 14.1   |
|                      | 546.1   | 222.25  | 177.8   | 1.6     | 6.4     | 3030               | 6980 | HM266449/HM266410D                  | 1  | 429                            | 531    | 1.6    | 6.4    | 0.33                | 2    | 3    | 2    | 161    |
| 385.762              | 514.35  | 177.8   | 139.7   | 1.6     | 6.4     | 2120               | 5550 | LM665949/LM665910D                  | 1  | 415                            | 495    | 1.6    | 6.4    | 0.42                | 1.61 | 2.4  | 1.58 | 90     |
| 393.7                | 539.75  | 142.875 | 101.6   | 1.6     | 6.4     | 1400               | 3300 | EE234154/234213D                    | 1  | 438                            | 526    | 1.6    | 6.4    | 0.48                | 1.4  | 2.1  | 1.4  | 84.7   |
|                      | 546.1   | 158.75  | 117.475 | 1.6     | 6.4     | 1400               | 3300 | EE234154/234216D                    | 1  | 438                            | 529    | 1.6    | 6.4    | 0.48                | 1.4  | 2.1  | 1.4  | 97     |
|                      | 558.8   | 146.05  | 104.775 | 1.6     | 6.4     | 1490               | 3810 | EE234154/234221D                    | 1  | 413.5                          | 515    | 1.6    | 6.4    | 0.48                | 1.42 | 2.11 | 1.39 | 104    |
|                      | 560.248 | 146.05  | 104.78  | 1.6     | 6.4     | 1400               | 3300 | EE234154/234223D                    | 1  | 438                            | 536    | 1.6    | 6.4    | 0.48                | 1.4  | 2.1  | 1.4  | 100    |
|                      |         |         |         |         |         |                    |      |                                     |    |                                |        |        |        |                     |      |      |      |        |
| 396.875              | 539.75  | 142.875 | 101.6   | 1.6     | 6.4     | 1400               | 3300 | EE234156/234213D                    | 1  | 439                            | 526    | 1.6    | 6.4    | 0.48                | 1.4  | 2.1  | 1.4  | 82.5   |

Double-row Taper Roller Bearing with Double Inner Ring  
(Inch Series)

WSW

| 基 本 尺 寸(mm)         |         |         |         |         |         | 基本额定载荷(kN)         |       |                            | 结构               | 相关安装尺寸                         |        |        |        | 计算系数                |      |      |      | 质量(kg) |
|---------------------|---------|---------|---------|---------|---------|--------------------|-------|----------------------------|------------------|--------------------------------|--------|--------|--------|---------------------|------|------|------|--------|
| Boundary Dimensions |         |         |         |         |         | Basic Load Ratings |       | 轴 承 代 号<br>Bearing Numbers |                  | Abutment and Fillet Dimensions |        |        |        | Calculation Factors |      |      |      | Mass   |
| d                   | D       | T       | C       | r1.2min | r3.4min | Cr                 | Cor   |                            |                  | Design                         | da min | Da max | rb max | ra max              | e    | Y1   | Y2   | Y0     |
| 396.875             | 546.1   | 158.75  | 117.475 | 1.6     | 6.4     | 1400               | 3300  | EE234156/234216D           | 1                | 439                            | 529    | 1.6    | 6.4    | 0.48                | 1.4  | 2.1  | 1.4  | 94.6   |
|                     | 558.8   | 146.05  | 104.775 | 1.6     | 6.4     | 1490               | 3810  | EE234156/234221D           | 1                | 416.7                          | 515    | 1.6    | 6.4    | 0.48                | 1.42 | 2.11 | 1.39 | 102    |
| 406.4               | 539.75  | 142.875 | 101.6   | 1.6     | 6.4     | 1600               | 4180  | EE234160/234213D           | 1                | 444                            | 526    | 1.6    | 6.4    | 0.48                | 1.4  | 2.1  | 1.4  | 82.6   |
|                     | 546.1   | 158.75  | 117.475 | 1.6     | 6.4     | 1400               | 3300  | EE234160/234216D           | 1                | 444                            | 529    | 1.6    | 6.4    | 0.48                | 1.4  | 2.1  | 1.4  | 94.2   |
|                     | 546.1   | 185.738 | 144.462 | 1.6     | 6.4     | 2270               | 5950  | M667944/M667910D           | 1                | 449                            | 536    | 1.6    | 6.4    | 0.42                | 1.6  | 2.4  | 1.6  | 113    |
|                     | 546.1   | 185.738 | 147.638 | 1.6     | 6.4     | 2270               | 5950  | M667944/M667911D           | 1                | 449                            | 537    | 1.6    | 6.4    | 0.42                | 1.6  | 2.4  | 1.6  | 114    |
|                     | 558.8   | 146.05  | 104.775 | 1.6     | 6.4     | 1490               | 3810  | EE234160/234221D           | 1                | 427.2                          | 515    | 1.6    | 6.4    | 0.48                | 1.42 | 2.11 | 1.39 | 95     |
|                     | 574.675 | 157.162 | 106.362 | 1.6     | 6.8     | 1580               | 3700  | EE285160/285228D           | 1                | 453                            | 552    | 1.6    | 6.8    | 0.5                 | 1.4  | 2    | 1.3  | 111    |
|                     | 590.55  | 228.6   | 174.625 | 1.6     | 9.5     | 3060               | 7070  | EE833160X/833233D          | 1                | 433.4                          | 560    | 1.6    | 9.5    | 0.32                | 2.08 | 3.1  | 2.04 | 188    |
|                     | 609.524 | 177.8   | 133.35  | 1.6     | 8       | 2590               | 5600  | EE736160/736239D           | 1                | 459                            | 585    | 1.6    | 8      | 0.35                | 1.9  | 2.9  | 1.9  | 163    |
|                     | 609.6   | 187.325 | 123.825 | 1.6     | 6.8     | 2520               | 5500  | EE911600/912401D           | 1                | 459                            | 586    | 1.6    | 6.8    | 0.38                | 1.8  | 2.6  | 1.7  | 172    |
|                     | 673.1   | 192.639 | 127     | 1.6     | 6.4     | 3000               | 6200  | EE571602/572651D           | 1                | 479                            | 646    | 1.6    | 6.4    | 0.4                 | 1.7  | 2.5  | 1.7  | 251    |
|                     | 673.1   | 192.639 | 152.4   | 1.6     | 6.4     | 2530               | 5240  | EE571602/572653D           | 1                | 427.2                          | 630    | 1.6    | 6.4    | 0.4                 | 1.68 | 2.5  | 1.64 | 242    |
|                     | 546.1   | 185.738 | 147.638 | 1.6     | 6.4     | 2280               | 5740  | M667948/M667911D           | 1                | 430.4                          | 530    | 1.6    | 6.4    | 0.42                | 1.62 | 2.42 | 1.59 | 110    |
|                     | 574.675 | 157.162 | 106.362 | 1.6     | 6.8     | 1580               | 3700  | EE285162/285228D           | 1                | 455                            | 552    | 1.6    | 6.8    | 0.5                 | 1.4  | 2    | 1.3  | 109    |
|                     | 411.162 | 609.6   | 187.325 | 123.825 | 1.6     | 6.8                | 2520  | 5500                       | EE911618/912401D | 1                              | 461    | 586    | 1.6    | 6.8                 | 0.38 | 1.8  | 2.6  | 1.7    |
| 415.925             | 590.55  | 244.475 | 193.675 | 1.6     | 6.4     | 3710               | 9170  | M268749/M268710DC          | 1                | 465                            | 576    | 1.6    | 6.4    | 0.33                | 2    | 3    | 2    | 205    |
| 425.45              | 685.698 | 311.15  | 234.95  | 3.2     | 12.7    | 5200               | 11400 | EE328167/328268D           | 1                | 497                            | 661    | 3.2    | 12.7   | 0.4                 | 1.7  | 2.5  | 1.7  | 410    |
| 430.213             | 603.25  | 153.289 | 98.425  | 1.6     | 6.4     | 1680               | 3770  | EE241693/242376D           | 1                | 451                            | 565    | 1.6    | 6.4    | 0.53                | 1.28 | 1.91 | 1.26 | 109    |
|                     | 603.25  | 159.639 | 104.775 | 1.6     | 6.4     | 1680               | 3770  | EE241693/242377D           | 1                | 451                            | 565    | 1.6    | 6.4    | 0.53                | 1.28 | 1.91 | 1.26 | 113    |
| 431.8               | 571.5   | 155.575 | 111.125 | 1.6     | 3.2     | 1880               | 4850  | LM869448/LM869410D         | 1                | 471                            | 560    | 1.6    | 3.2    | 0.54                | 1.25 | 1.8  | 1.3  | 100    |
|                     | 603.25  | 153.289 | 98.425  | 1.6     | 6.4     | 1680               | 3770  | EE241701/242376D           | 1                | 452.6                          | 565    | 1.6    | 6.4    | 0.53                | 1.28 | 1.91 | 1.26 | 107    |
|                     | 603.25  | 159.639 | 104.775 | 1.6     | 6.4     | 1670               | 4100  | EE241701/242377D           | 1                | 446                            | 561    | 1.6    | 6.4    | 0.53                | 1.28 | 1.91 | 1.25 | 124    |
|                     | 673.1   | 192.639 | 127     | 1.6     | 6.4     | 3000               | 6200  | EE571703/572651D           | 1                | 491                            | 646    | 1.6    | 6.4    | 0.4                 | 1.7  | 2.5  | 1.7  | 225    |
|                     | 673.1   | 192.639 | 152.4   | 1.6     | 6.4     | 3000               | 6200  | EE571703/572653D           | 1                | 491                            | 649    | 1.6    | 6.4    | 0.4                 | 1.7  | 2.5  | 1.7  | 235    |

Double-row Taper Roller Bearing with Double Inner Ring  
(Inch Series)

WSW

| 基    本    尺    寸(mm) |         |         |         |         |         | 基本额定载荷(kN)         |       |                                     | 结构<br><br>Design | 相关安装尺寸                         |        |        |        | 计算系数                |      |      |      | 质量(kg) |
|----------------------|---------|---------|---------|---------|---------|--------------------|-------|-------------------------------------|------------------|--------------------------------|--------|--------|--------|---------------------|------|------|------|--------|
| Boundary Dimensions  |         |         |         |         |         | Basic Load Ratings |       | 轴    承    代    号<br>Bearing Numbers |                  | Abutment and Fillet Dimensions |        |        |        | Calculation Factors |      |      |      | Mass   |
| d                    | D       | T       | C       | r1.2min | r3.4min | Cr                 | Cor   |                                     |                  | da min                         | Da max | Fb max | Fa max | e                   | Y1   | Y2   | Y0   | Refer. |
| 441.325              | 660.4   | 195.262 | 138.112 | 1.6     | 10.4    | 2650               | 5550  | EE737173/737261D                    | 1                | 499                            | 636    | 1.6    | 10.4   | 0.37                | 1.8  | 2.7  | 1.8  | 198    |
| 447.675              | 635     | 257.175 | 206.375 | 1.6     | 6.4     | 4180               | 10450 | M270749/M270710D                    | 1                | 502                            | 617    | 1.6    | 6.4    | 0.33                | 2    | 3    | 2    | 245    |
|                      | 649.924 | 257.175 | 206.375 | 1.6     | 6.4     | 3930               | 10500 | M270749/M270720D                    | 1                | 468.5                          | 605    | 1.6    | 6.4    | 0.33                | 2.03 | 3.02 | 1.98 | 272    |
| 457.2                | 596.9   | 165.1   | 120.65  | 1.6     | 9.7     | 2050               | 5220  | EE244180/244236D                    | 1                | 500                            | 581    | 1.6    | 9.7    | 0.4                 | 1.7  | 2.5  | 1.6  | 110    |
|                      | 660.4   | 195.262 | 138.112 | 1.6     | 10.4    | 2650               | 5550  | EE737181/737261D                    | 1                | 507                            | 636    | 1.6    | 10.4   | 0.37                | 1.8  | 2.7  | 1.8  | 182    |
|                      | 730.148 | 254     | 177.8   | 1.6     | 9.7     | 3900               | 8350  | EE671801/672875D                    | 1                | 527                            | 699    | 1.6    | 9.7    | 0.39                | 1.7  | 2.6  | 1.7  | 368    |
| 479.425              | 679.45  | 276.225 | 222.25  | 1.6     | 6.4     | 4760               | 12060 | M272749/M272710D                    | 1                | 535                            | 663    | 1.6    | 6.4    | 0.33                | 2    | 3    | 2    | 302    |
| 482.6                | 615.95  | 184.15  | 146.05  | 1.6     | 6.4     | 2380               | 6900  | LM272249/LM272210D                  | 1                | 522                            | 604    | 1.6    | 6.4    | 0.37                | 1.8  | 2.7  | 1.8  | 126    |
|                      | 634.873 | 177.8   | 142.875 | 1.6     | 6.4     | 2290               | 6600  | EE243190/243251D                    | 1                | 530                            | 622    | 1.6    | 6.4    | 0.34                | 2    | 2.9  | 1.9  | 144    |
| 488.671              | 660.4   | 206.375 | 158.75  | 1.6     | 6.4     | 2920               | 7550  | EE640191/640261D                    | 1                | 535                            | 643    | 1.6    | 6.4    | 0.31                | 2.2  | 3.3  | 2.1  | 185    |
|                      | 666.674 | 206.375 | 158.75  | 1.6     | 6.4     | 3100               | 7910  | EE640191/640262D                    | 1                | 510                            | 630    | 1.6    | 6.4    | 0.31                | 2.2  | 3.27 | 2.15 | 194    |
| 488.95               | 634.873 | 180.975 | 136.525 | 1.6     | 6.4     | 2350               | 6350  | LM772748/LM772710D                  | 1                | 532                            | 623    | 1.6    | 6.4    | 0.47                | 1.4  | 2.1  | 1.4  | 134    |
|                      | 660.4   | 206.375 | 158.75  | 1.6     | 6.4     | 2920               | 7550  | EE640192/640261D                    | 1                | 535                            | 643    | 1.6    | 6.4    | 0.31                | 2.2  | 3.3  | 2.1  | 185    |
|                      | 666.674 | 206.375 | 158.75  | 1.6     | 6.4     | 3100               | 7910  | EE640192/243251D                    | 1                | 510                            | 630    | 1.6    | 6.4    | 0.31                | 2.2  | 3.27 | 2.15 | 194    |
| 489.026              | 634.873 | 177.8   | 142.875 | 1.6     | 6.4     | 2610               | 6980  | EE243192/243251D                    | 1                | 533                            | 622    | 1.6    | 6.4    | 0.35                | 1.9  | 2.9  | 1.8  | 130    |
| 498.475              | 634.873 | 177.8   | 142.875 | 1.6     | 6.4     | 2610               | 6980  | EE243196/243251D                    | 1                | 538                            | 622    | 1.6    | 6.4    | 0.35                | 1.9  | 2.9  | 1.8  | 125    |
| 501.65               | 711.2   | 292.1   | 231.775 | 1.6     | 6.4     | 4810               | 12800 | M274149/M274110D                    | 1                | 525                            | 680    | 1.6    | 6.4    | 0.33                | 2.03 | 3.02 | 1.98 | 346    |
| 505.968              | 736.6   | 186.502 | 114.3   | 1.6     | 6.4     | 2780               | 6800  | EE981992/982901                     | 1                | 571                            | 712    | 1.6    | 6.4    | 0.48                | 1.4  | 2.1  | 1.4  | 242    |
| 508                  | 736.6   | 186.502 | 114.3   | 1.6     | 6.4     | 2780               | 6800  | EE982003/982901                     | 1                | 572                            | 712    | 1.6    | 6.4    | 0.48                | 1.4  | 2.1  | 1.4  | 240    |
|                      | 838.2   | 304.8   | 222.25  | 3.2     | 9.7     | 6200               | 14100 | EE426200/426331D                    | 1                | 595                            | 804    | 3.2    | 9.7    | 0.48                | 1.4  | 2.1  | 1.4  | 630    |
| 514.35               | 736.6   | 186.502 | 114.3   | 1.6     | 6.4     | 2520               | 5150  | EE982028/982901D                    | 1                | 540                            | 690    | 1.6    | 6.4    | 0.48                | 1.42 | 2.11 | 1.39 | 213    |
| 520.7                | 736.6   | 186.502 | 114.3   | 1.6     | 6.4     | 2880               | 6370  | EE982051/982901D                    | 1                | 579                            | 712    | 1.6    | 6.4    | 0.48                | 1.4  | 2.1  | 1.4  | 210    |

Double-row Taper Roller Bearing with Double Inner Ring  
(Inch Series)

WSW

| 基 本 尺 寸(mm) |         |            |         |         |         | 基本额定载荷(kN)         |       | 轴 承 代 号<br>Bearing Numbers | 结构<br>Design | 相关安装尺寸                         |        |        |        | 计算系数                |      |      |      | 质量(kg) |
|-------------|---------|------------|---------|---------|---------|--------------------|-------|----------------------------|--------------|--------------------------------|--------|--------|--------|---------------------|------|------|------|--------|
| Boundary    |         | Dimensions |         |         |         | Basie Load Ratings |       |                            |              | Abutment and Fillet Dimensions |        |        |        | Calculation Factors |      |      |      | Mass   |
| d           | D       | T          | C       | r1.2min | r3.4min | Cr                 | Cor   |                            |              | da min                         | Da max | fb max | fa max | e                   | Y1   | Y2   | Y0   | Refer. |
| 533.4       | 784.225 | 190.5      | 120.65  | 1.6     | 6.4     | 3000               | 7000  | EE522102/523088D           | 1            | 596                            | 752    | 1.6    | 6.4    | 0.48                | 1.4  | 2.1  | 1.4  | 276    |
|             | 812.8   | 269.875    | 187.325 | 3.2     | 9.7     | 4950               | 11300 | EE626210/626321D           | 1            | 607                            | 783    | 3.2    | 9.7    | 0.44                | 1.5  | 2.3  | 1.5  | 465    |
| 534.988     | 622.3   | 111.125    | 82.55   | 1.6     | 3.6     | 1000               | 3080  | LL475048/LL475011D         | 1            | 555                            | 610    | 1.6    | 3.6    | 0.37                | 1.83 | 2.73 | 1.79 | 47.1   |
| 536.575     | 761.873 | 311.15     | 247.65  | 1.6     | 6.4     | 5960               | 15200 | M276449 /M276410DG2        | 1            | 576                            | 726    | 1.6    | 6.4    | 0.33                | 2    | 3    | 2    | 430    |
| 546.1       | 736.6   | 165.1      | 114.3   | 3.2     | 6.4     | 2190               | 5200  | EE542215/542291D           | 1            | 598                            | 715    | 3.2    | 6.4    | 0.51                | 1.3  | 2    | 1.3  | 168    |
| 549.275     | 692.15  | 174.625    | 136.525 | 3.2     | 6.4     | 2320               | 6950  | L476549/L476510D           | 1            | 579                            | 666    | 3.2    | 6.4    | 0.38                | 1.79 | 2.67 | 1.75 | 135    |
| 558.8       | 736.6   | 165.1      | 114.3   | 3.2     | 6.4     | 2050               | 5400  | EE542220/542291D           | 1            | 594                            | 705    | 3.2    | 6.4    | 0.51                | 1.32 | 1.96 | 1.29 | 166    |
| 558.8       | 736.6   | 187.328    | 138.112 | 1.6     | 6.4     | 3240               | 7880  | EE843220/843291D           | 1            | 591                            | 708    | 1.6    | 6.4    | 0.35                | 1.9  | 2.9  | 1.8  | 190    |
|             | 736.6   | 225.425    | 177.8   | 1.6     | 6.4     | 4080               | 11020 | LM377449/LM377410DC        | 1            | 591                            | 708    | 1.6    | 6.4    | 0.35                | 1.9  | 2.9  | 1.8  | 150    |
| 565.15      | 742.95  | 187.328    | 138.113 | 1.6     | 6.4     | 2960               | 8050  | EE843220/843292D           | 1            | 580                            | 710    | 1.6    | 6.4    | 0.34                | 1.97 | 2.93 | 1.93 | 206    |
|             | 863.6   | 317.5      | 228.6   | 3.2     | 8       | 6550               | 15200 | EE929225/929341D           | 1            | 638                            | 832    | 3.2    | 8      | 0.34                | 2    | 2.9  | 1.9  | 613    |
| 571.5       | 812.8   | 333.375    | 263.525 | 1.6     | 6.4     | 6120               | 15200 | M278749 /M278710DAG2       | 1            | 615                            | 774    | 1.6    | 6.4    | 0.33                | 2    | 3    | 2    | 520    |
| 588.8       | 736.6   | 165.1      | 114.3   | 3.2     | 6.4     | 2190               | 5200  | EE542220/542291D           | 1            | 604                            | 715    | 3.2    | 6.4    | 0.51                | 1.3  | 2    | 1.3  | 154    |
|             | 736.6   | 187.328    | 138.112 | 1.6     | 6.4     | 3000               | 7800  | EE843220/843291D           | 1            | 606                            | 718    | 1.6    | 6.4    | 0.34                | 2    | 2.9  | 1.9  | 195    |
| 588.8       | 736.6   | 225.425    | 177.8   | 1.6     | 6.4     | 3950               | 11200 | LM377449/LM377410D         | 1            | 607                            | 720    | 1.6    | 6.4    | 0.35                | 1.9  | 2.9  | 1.9  | 247    |
|             | 742.95  | 187.328    | 138.112 | 1.6     | 6.4     | 3000               | 7800  | EE843220/843292D           | 1            | 606                            | 721    | 1.6    | 6.4    | 0.34                | 2    | 2.9  | 1.9  | 203    |
| 602.945     | 787.4   | 206.375    | 158.75  | 1.6     | 6.4     | 3820               | 10070 | 649237/649311D             | 1            | 655                            | 771    | 1.6    | 6.4    | 0.37                | 1.8  | 2.7  | 1.8  | 240    |
|             | 793.75  | 206.375    | 158.75  | 1.6     | 6.4     | 3450               | 9600  | EE649237/649313D           | 1            | 655                            | 774    | 1.6    | 6.4    | 0.37                | 1.8  | 2.7  | 1.8  | 253    |
| 607.72      | 787.4   | 206.375    | 158.75  | 1.6     | 6.4     | 3450               | 9600  | EE649239/649311D           | 1            | 658                            | 771    | 1.6    | 6.4    | 0.37                | 1.8  | 2.7  | 1.8  | 237    |
|             | 793.75  | 206.375    | 158.75  | 1.6     | 6.4     | 3390               | 9940  | EE649239/649313D           | 1            | 630                            | 755    | 1.6    | 6.4    | 0.37                | 1.82 | 2.7  | 1.78 | 254    |
| 609.6       | 717.55  | 127        | 95.25   | 1.6     | 6.4     | 1530               | 4600  | LL579749/LL579710D         | 1            | 642                            | 708    | 1.6    | 6.4    | 0.4                 | 1.7  | 2.5  | 1.6  | 81.7   |
|             | 787.4   | 206.375    | 158.75  | 1.6     | 6.4     | 3820               | 10070 | EE649240/649311D           | 1            | 659                            | 771    | 1.6    | 6.4    | 0.37                | 1.8  | 2.7  | 1.8  | 232    |

Double-row Taper Roller Bearing with Double Inner Ring  
(Inch Series)

WSW

| 基    本    尺    寸(mm) |          |         |        |         |         | 基本额定载荷(kN)         |       |                    | 结 构    | 相关安装尺寸                         |        |        |        | 计算系数                |      |      |      | 质量(kg) |
|----------------------|----------|---------|--------|---------|---------|--------------------|-------|--------------------|--------|--------------------------------|--------|--------|--------|---------------------|------|------|------|--------|
| Boundary Dimensions  |          |         |        |         |         | Basic Load Ratings |       | 轴    承    代    号   |        | Abutment and Fillet Dimensions |        |        |        | Calculation Factors |      |      |      | Mass   |
| d                    | D        | T       | C      | r1.2min | r3.4min | Cr                 | Cor   | Bearing Numbers    | Design | da min                         | Da max | rb max | ra max | e                   | Y1   | Y2   | Y0   | Refer. |
| 609.6                | 793.75   | 206.375 | 158.75 | 1.6     | 6.4     | 3450               | 9600  | EE649240/649313D   | 1      | 659                            | 774    | 1.6    | 6.4    | 0.37                | 1.8  | 2.7  | 1.8  | 243    |
|                      | 812.8    | 190.5   | 146.05 | 3.2     | 6.4     | 3400               | 8360  | EE743240/743321D   | 1      | 664                            | 785    | 3.2    | 6.4    | 0.33                | 2    | 3    | 2    | 250    |
| 660.4                | 812.8    | 203.2   | 158.75 | 3.2     | 6.4     | 3250               | 10300 | L281148/L281110DA  | 1      | 693                            | 789    | 3.2    | 6.4    | 0.37                | 1.8  | 2.69 | 1.76 | 199    |
|                      | 854.924  | 186.329 | 135.9  | 2.4     | 9.5     | 3120               | 8010  | EE749260/749335D   | 1      | 690                            | 820    | 2.4    | 9.5    | 0.35                | 1.92 | 2.86 | 1.88 | 238    |
| 673.1                | 793.75   | 133.35  | 98.426 | 1.6     | 6.4     | 1750               | 5850  | 673KBE7951         | 1      | 710                            | 781    | 1.6    | 6.4    | 0.36                | 1.9  | 2.8  | 1.8  | 108    |
| 685.8                | 876.3    | 200.025 | 152.4  | 1.6     | 6.4     | 3510               | 10800 | EE655270/655346D   | 1      | 710                            | 850    | 1.6    | 6.4    | 0.42                | 1.62 | 2.42 | 1.59 | 280    |
| 711.2                | 914.4    | 190.5   | 139.7  | 1.6     | 6.4     | 3610               | 9170  | EE755280/755361D   | 1      | 767                            | 891    | 1.6    | 6.4    | 0.37                | 1.8  | 2.7  | 1.8  | 265    |
| 723.9                | 914.4    | 187.325 | 139.7  | 1.6     | 3.2     | 3020               | 8930  | EE755285/75361D    | 1      | 745                            | 880    | 1.6    | 3.2    | 0.38                | 1.78 | 2.65 | 1.74 | 266    |
| 749.3                | 965.2    | 187.325 | 133.35 | 1.6     | 6.4     | 3130               | 9590  | EE752295/752381D   | 1      | 775                            | 920    | 1.6    | 6.4    | 0.4                 | 1.68 | 2.5  | 1.64 | 320    |
| 749.3                | 990.6    | 338     | 265    | 3.2     | 6.4     | 7850               | 23900 | LM283649/LM283610D | 1      | 775                            | 960    | 3.2    | 6.4    | 0.32                | 2.12 | 3.15 | 2.07 | 681    |
| 762                  | 965.2    | 187.325 | 133.35 | 1.6     | 6.4     | 3580               | 9800  | EE752300/752381D   | 1      | 815                            | 943    | 1.6    | 6.4    | 0.4                 | 1.7  | 2.5  | 1.6  | 290    |
| 774.7                | 965.2    | 187.325 | 133.35 | 1.6     | 6.4     | 3580               | 9800  | EE752305/752381D   | 1      | 822                            | 943    | 1.6    | 6.4    | 0.4                 | 1.7  | 2.5  | 1.6  | 265    |
| 812.8                | 1016     | 190.5   | 146.05 | 3.2     | 6.4     | 3580               | 10200 | EE762320/762401D   | 1      | 876                            | 994    | 3.2    | 6.4    | 0.43                | 1.6  | 2.3  | 1.6  | 350    |
|                      | 1066.8   | 190.5   | 146.05 | 3.2     | 6.4     | 3580               | 10200 | EE762320/762420XD  | 1      | 867                            | 1019   | 3.2    | 6.4    | 0.43                | 1.6  | 2.3  | 1.6  | 445    |
| 914.4                | 1066.8   | 139.7   | 101.6  | 3.2     | 6.4     | 2460               | 8000  | LL686947/LL686910D | 1      | 955                            | 1048   | 3.2    | 6.4    | 0.4                 | 1.7  | 2.5  | 1.6  | 190    |
| 939.8                | 1270     | 547.2   | 317.5  | 3.2     | 12.7    | 9200               | 27550 | 940KBE1270-1       | 1      | 976                            | 1250   | 3.2    | 12.7   | 0.88                | 0.77 | 1.15 | 0.8  | 1540   |
| 977.9                | 1130.3   | 139.7   | 101.6  | 3.2     | 6.4     | 2510               | 8750  | LL687949/LL687910D | 1      | 1019                           | 1112   | 3.2    | 6.4    | 0.43                | 1.6  | 2.3  | 1.5  | 210    |
| 1270                 | 1435.1   | 146.05  | 101.6  | 3.2     | 6.4     | 2800               | 11100 | LL889049/LL889010D | 1      | 1315                           | 1413   | 3.2    | 6.4    | 0.57                | 1.2  | 1.8  | 1.2  | 303    |
| 1431.925             | 1584.325 | 130.175 | 79.375 | 3.2     | 6.4     | 2440               | 8850  | LL989349/LL989310D | 1      | 1460                           | 1560   | 3.2    | 6.4    | 0.62                | 1.09 | 1.62 | 1.06 | 259    |
| 1562.1               | 1086.575 | 279.4   | 196.85 | 3.2     | 9.7     | 7210               | 28000 | EE299615/299711D   | 1      | 1632                           | 1777   | 3.2    | 9.7    | 0.48                | 1.4  | 2.1  | 1.4  | 1045   |
|                      | 560      | 370     | 370    | 6       | 5       | 5910               | 13600 | 380TQO560-5        |        |                                |        | 1      | 0.33   | 2.03                | 3.02 | 1.98 | 1.77 | 312    |



Double-row Taper Roller Bearing with Double Outer Ring  
(Inch Series)

WSW

| 基 本 尺 寸  |     |            |     |         |         | 基本额定载荷(kN)         |      | 轴承代号            |            | 相关安装尺寸(mm)                     |        |        |        | 计算系数                |      |      |      | 质量(kg)      |
|----------|-----|------------|-----|---------|---------|--------------------|------|-----------------|------------|--------------------------------|--------|--------|--------|---------------------|------|------|------|-------------|
| Boundary |     | Dimensions |     |         |         | Basic Load Ratings |      | Bearing Numbers |            | Abutment and Fillet Dimensions |        |        |        | Calculation Factors |      |      |      | Mass Refer. |
| d        | D   | T          | B   | r1.2min | r3.4min | Cr                 | Cor  | 新代号<br>New      | 旧代号<br>Old | da min                         | Da max | fb max | fa max | e                   | Y1   | Y2   | Y0   |             |
| 100      | 150 | 110        | 110 | 2       | 1       | 385                | 780  | 100TDI150-1     |            | 108                            | 138    | 1      | 2      | 0.22                | 3    | 4.5  | 2.9  | 6.4         |
|          | 165 | 52         | 52  | 2       | 2.5     | 237                | 384  | 100TDI165-1     |            | 118.8                          | 147.8  | 2.5    | 2      | 0.35                | 1.95 | 2.9  | 1.91 | 4.26        |
|          | 250 | 116        | 116 | 4       | 4       | 790                | 1050 | 100TDI250-1     |            | 135                            | 232    | 4      | 4      | 0.4                 | 1.68 | 2.5  | 1.64 | 30          |
| 105      | 170 | 90         | 90  | 2       | 2.5     | 395                | 810  | 105TDI170-1     |            | 118                            | 155    | 2.5    | 2      | 0.32                | 2.1  | 3.2  | 2.1  | 8           |
| 110      | 180 | 56         | 56  | 2       | 2.5     | 298                | 485  | 110TDI180-1     |            | 124                            | 170    | 2.5    | 2      | 0.33                | 2.03 | 3.02 | 1.98 | 5.6         |
|          | 190 | 98         | 102 | 3       | 1.5     | 515                | 950  | 110TDI190-1     |            | 128.5                          | 176    | 1.5    | 3      | 0.42                | 1.62 | 2.42 | 1.59 | 12.1        |
|          | 200 | 82         | 82  | 2.5     | 1       | 555                | 865  | 110TDI200-1     |            | 128.5                          | 188    | 1      | 2.5    | 0.42                | 1.61 | 2.39 | 1.57 | 11.3        |
| 120      | 170 | 120        | 120 | 1.5     | 2       | 425                | 915  | 120TDI170-1     |            | 128                            | 158    | 2      | 1.5    | 0.25                | 2.7  | 4    | 2.6  | 8           |
|          | 180 | 46         | 46  | 2       | 2.5     | 230                | 375  | 120TDI180-1     |            | 134                            | 170    | 2.5    | 2      | 0.37                | 1.8  | 2.69 | 1.76 | 4.08        |
|          | 200 | 62         | 62  | 2       | 2.5     | 370                | 610  | 120TDI200-1     |            | 134                            | 190    | 2.5    | 2      | 0.37                | 1.8  | 2.69 | 1.76 | 7.82        |
|          | 215 | 87         | 80  | 2.5     | 0.8     | 550                | 1060 |                 | 187224E    | 141                            | 203    | 2.5    | 0.8    | 0.44                | 1.55 | 2.31 | 1.52 | 13.4        |
|          | 215 | 113        | 113 | 2.5     | 2.5     | 735                | 1300 | 120TDI215-1     |            | 141                            | 203    | 2.5    | 2.5    | 0.35                | 1.95 | 2.9  | 1.91 | 17.7        |
|          | 280 | 140        | 150 | 3       | 3       | 1130               | 1840 | 120TDI280-1     |            | 172                            | 266    | 3      | 3      | 0.33                | 2.03 | 3.02 | 1.98 | 47.3        |
| 130      | 190 | 81         | 81  | 2       | 0.6     | 463                | 978  | 130TDI190-1     |            | 143.9                          | 175.6  | 0.6    | 2      | 0.33                | 2.03 | 3.02 | 1.98 | 8.18        |
|          | 190 | 120        | 120 | 1.5     | 1.5     | 490                | 1100 | 130TDI190-2     |            | 140                            | 177    | 1.5    | 1.5    | 0.26                | 2.6  | 3.8  | 2.5  | 11.1        |
|          | 200 | 52         | 52  | 2       | 2.5     | 294                | 490  | 130TDI200-1     |            | 144                            | 190    | 2.5    | 2      | 0.37                | 1.8  | 2.69 | 1.76 | 5.92        |
|          | 210 | 64         | 64  | 2       | 2.5     | 410                | 675  | 130TDI210-1     |            | 144                            | 200    | 2.5    | 2      | 0.37                | 1.8  | 2.69 | 1.76 | 8.58        |
|          | 210 | 69         | 69  | 2       | 2.5     | 365                | 687  | 135TDI210-1     |            | 161                            | 192    | 2.5    | 2      | 0.27                | 2.47 | 3.67 | 2.41 | 10          |
|          | 230 | 120        | 120 | 2.5     | 1       | 760                | 1480 | 135TDI230-1     |            | 148                            | 207    | 1      | 2.5    | 0.33                | 2    | 3    | 2    | 20.8        |
|          | 260 | 120        | 120 | 3       | 3       | 910                | 1480 | 130TDI260-1     |            | 149                            | 231    | 3      | 3      | 0.55                | 1.2  | 1.8  | 2.2  | 29.5        |
| 140      | 210 | 53         | 53  | 2       | 2.5     | 305                | 530  | 140TDI210-1     |            | 157                            | 195    | 2.5    | 2      | 0.4                 | 1.7  | 2.5  | 1.6  | 6.4         |
|          | 225 | 68         | 68  | 2.5     | 3       | 390                | 650  | 140TDI225-1     |            | 156                            | 213    | 3      | 2.5    | 0.37                | 1.8  | 2.69 | 1.76 | 10.7        |
|          | 250 | 88         | 88  | 3       | 4       | 615                | 915  | 140TDI250-1     |            | 166                            | 224    | 4      | 3      | 0.43                | 1.57 | 2.34 | 1.53 | 16          |
|          | 300 | 102        | 102 | 4       | 5       | 838                | 1310 | 140TDI300-1     |            | 190.1                          | 255.5  | 5      | 4      | 0.42                | 1.62 | 2.42 | 1.59 | 36.2        |
|          | 300 | 150        | 150 | 4       | 1.5     | 1180               | 1830 | 140TDI300-1     |            | 161                            | 264    | 1.5    | 4      | 0.55                | 1.2  | 1.8  | 1.2  | 50.2        |
| 150      | 225 | 56         | 56  | 2.5     | 3       | 355                | 630  | 150TDI225-1     |            | 165                            | 213    | 3      | 2.5    | 0.37                | 1.8  | 2.69 | 1.76 | 7.76        |
|          | 225 | 75         | 75  | 2.5     | 1       | 510                | 965  | 150TDI225-2     |            | 166.2                          | 206    | 1      | 2.5    | 0.4                 | 1.68 | 2.5  | 1.64 | 9.78        |
|          | 250 | 80         | 80  | 2.5     | 3       | 600                | 1040 | 150TDI250-1     |            | 168                            | 238    | 3      | 2.5    | 0.37                | 1.8  | 2.69 | 1.76 | 15.7        |

Double-row Taper Roller Bearing with Double Outer Ring  
(Inch Series)

WSW

| 基 本 尺 寸  |     |            |      |         |         | 基本额定载荷(kN)         |             | 轴承代号            |       | 相关安装尺寸(mm)                     |        |        |        | 计算系数                |      |      |      | 质量(kg) |
|----------|-----|------------|------|---------|---------|--------------------|-------------|-----------------|-------|--------------------------------|--------|--------|--------|---------------------|------|------|------|--------|
| Boundary |     | Dimensions |      |         |         | Basic Load Ratings |             | Bearing Numbers |       | Abutment and Fillet Dimensions |        |        |        | Calculation Factors |      |      |      | Mass   |
|          |     |            |      |         |         |                    |             | 新代号             | 旧代号   |                                |        |        |        |                     |      |      |      | 参考     |
| d        | D   | T          | B    | r1.2min | r3.4min | Cr                 | Cor         | New             | Old   | da min                         | Da max | fb max | fa max | e                   | Y1   | Y2   | Y0   | Refer. |
| 150      | 250 | 100        | 100  | 2.5     | 3       | 768                | 1510        | 150TDI250-2     |       | 178.4                          | 225    | 7.3    | 2.5    | 0.4                 | 1.68 | 2.5  | 1.64 | 20     |
|          | 250 | 110        | 110  | 2.5     | 2.5     | 855                | 1590        | 150TDI250-3     |       | 169                            | 238    | 2.5    | 2.5    | 0.46                | 1.47 | 2.19 | 1.44 | 21.7   |
| 160      | 240 | 60         | 60   | 2.5     | 3       | 430                | 765         | 160TDI240-1     |       | 175                            | 228    | 3      | 2.5    | 0.37                | 1.8  | 2.69 | 1.76 | 9.46   |
|          | 240 | 110        | 110  | 2.5     | 2.5     | 750                | 1560        | 160TDI240-2     |       | 175.5                          | 228    | 2.5    | 2.5    | 0.33                | 2.03 | 3.02 | 1.98 | 17.3   |
|          | 270 | 86         | 86   | 2.5     | 3       | 675                | 1180        | 160TDI270-1     |       | 178                            | 258    | 3      | 2.5    | 0.37                | 1.8  | 2.69 | 1.76 | 20     |
| 170      | 270 | 116        | 116  | 2.5     | 2.5     | 835                | 1640        | 160TDI270-2     |       | 184.5                          | 258    | 2.5    | 2.5    | 0.4                 | 1.68 | 2.5  | 1.64 | 27.1   |
|          | 340 | 150        | 136  | 4       | 1.5     | 1400               | 2140        | 160TDI340-1     |       | 182                            | 300    | 1.5    | 4      | 0.55                | 1.2  | 1.8  | 1.2  | 63     |
|          | 230 | 65         | 65   | 0.7     | 2       | 410                | 945         |                 | 87834 | 184                            | 218    | 0.5    | 2      | 0.29                | 2.36 | 3.51 | 2.31 | 6.79   |
|          | 260 | 67         | 67   | 2.5     | 3       | 490                | 865         | 170TDI260-1     |       | 185                            | 248    | 3      | 2.5    | 0.37                | 1.8  | 2.69 | 1.76 | 12.8   |
|          | 280 | 76         | 76   | 2.5     | 2.5     | 550                | 900         | 170TDI280-1     |       | 195                            | 264    | 2.5    | 2.5    | 0.4                 | 1.68 | 2.5  | 1.64 | 18.5   |
|          | 280 | 88         | 88   | 2.5     | 3       | 725                | 1270        | 170TDI280-2     |       | 188                            | 268    | 3      | 2.5    | 0.37                | 1.8  | 2.69 | 1.76 | 21.5   |
|          | 350 | 155        | 155  | 4       | 5       | 1430               | 2410        | 173TDI350-1     |       | 201                            | 311    | 5      | 4      | 0.43                | 1.6  | 2.3  | 1.5  | 69.3   |
|          | 254 | 90         | 90   | 2.5     | 3       | 572                | 1270        | 180TDI254-1     |       | 198.1                          | 234    | 3      | 2.5    | 0.33                | 2.03 | 3.02 | 1.98 | 14     |
| 280      | 74  | 74         | 2.5  | 3       | 580     | 1050               | 180TDI280-1 |                 | 198   | 268                            | 3      | 2.5    | 0.37   | 1.8                 | 2.69 | 1.76 | 16.5 |        |
| 300      | 96  | 96         | 3    | 4       | 885     | 1530               | 180TDI300-1 |                 | 200   | 286                            | 4      | 3      | 0.37   | 1.8                 | 2.69 | 1.76 | 27.2 |        |
| 190      | 290 | 75         | 75   | 2.5     | 3       | 615                | 1110        | 190TDI290-1     |       | 208                            | 278    | 3      | 2.5    | 0.37                | 1.8  | 2.69 | 1.76 | 17.9   |
| 195      | 305 | 120        | 120  | 2.5     | 3       | 1050               | 2020        | 195TDI305-1     |       | 211                            | 282    | 3      | 2.5    | 0.37                | 1.8  | 2.7  | 1.8  | 31.9   |
| 200      | 310 | 82         | 82   | 2.5     | 3       | 720                | 1320        | 200TDI310-1     |       | 218                            | 298    | 3      | 2.5    | 0.37                | 1.8  | 2.69 | 1.76 | 21.7   |
|          | 340 | 112        | 112  | 3       | 4       | 1090               | 1910        | 200TDI340-1     |       | 222                            | 326    | 4      | 3      | 0.37                | 1.8  | 2.69 | 1.76 | 41.7   |
|          | 340 | 140        | 140  | 3       | 3       | 1490               | 2780        | 200TDI340-2     |       | 226.5                          | 326    | 3      | 3      | 0.4                 | 1.68 | 2.5  | 1.64 | 52.1   |
|          | 340 | 150        | 150  | 3       | 1.5     | 1290               | 2490        | 200TDI340-3     |       | 224                            | 326    | 1.5    | 3      | 0.42                | 1.6  | 2.39 | 1.57 | 55.9   |
|          | 420 | 138        | 138  | 5       | 5       | 1740               | 2750        | 200TDI420-1     |       | 241                            | 382    | 5      | 5      | 0.4                 | 1.7  | 2.5  | 1.6  | 93.3   |
|          | 420 | 235        | 235  | 5       | 2       | 3000               | 5350        | 200TDI420-2     |       | 248.5                          | 398    | 2      | 5      | 0.37                | 1.8  | 2.69 | 1.76 | 158    |
| 210      | 365 | 170        | 170  | 4       | 4       | 1740               | 3400        | 210TDI365-1     |       | 234                            | 330    | 4      | 4      | 0.42                | 1.6  | 2.4  | 1.6  | 74     |
| 220      | 320 | 76.2       | 76.2 | 2.5     | 2.5     | 630                | 1220        | 220TDI320-1     |       | 244                            | 308    | 2.5    | 2.5    | 0.39                | 1.74 | 2.59 | 1.7  | 20.3   |
|          | 340 | 90         | 90   | 3       | 4       | 880                | 1650        | 220TDI340-1     |       | 242                            | 326    | 4      | 3      | 0.37                | 1.8  | 2.69 | 1.76 | 29.8   |

Double-row Taper Roller Bearing with Double Outer Ring  
(Inch Series)

WSW

| 基 本 尺 寸  |       |            |     |         |         | 基本额定载荷(kN)         |       | 轴承代号            |            | 相关安装尺寸(mm)                     |        |        |        | 计算系数                |      |      |      | 质量(kg)      |
|----------|-------|------------|-----|---------|---------|--------------------|-------|-----------------|------------|--------------------------------|--------|--------|--------|---------------------|------|------|------|-------------|
| Boundary |       | Dimensions |     |         |         | Basic Load Ratings |       | Bearing Numbers |            | Abutment and Fillet Dimensions |        |        |        | Calculation Factors |      |      |      | Mass Refer. |
| d        | D     | T          | B   | r1.2min | r3.4min | Cr                 | Cor   | 新代号<br>New      | 旧代号<br>Old | da min                         | Da max | fb max | fa max | e                   | Y1   | Y2   | Y0   |             |
| 220      | 340   | 140        | 200 | 3       | 1.5     | 1570               | 3180  | 220TDI340-2     |            | 242                            | 326    | 1.5    | 3      | 0.43                | 1.6  | 2.3  | 1.6  | 50.5        |
|          | 370   | 120        | 120 | 4       | 5       | 1220               | 2260  | 220TDI370-1     |            | 248                            | 352    | 5      | 4      | 0.4                 | 1.68 | 2.5  | 1.64 | 52.2        |
| 230      | 350   | 90         | 90  | 3       | 4       | 791                | 1560  | 230TDI350-1     |            | 266.5                          | 318    | 4      | 3      | 0.28                | 2.43 | 3.61 | 2.37 | 30.6        |
| 235      | 375   | 170        | 170 | 3       | 3       | 1850               | 3800  | 235TDI375-1     |            | 255                            | 345    | 3      | 3      | 0.33                | 2    | 3    | 2    | 70.9        |
| 240      | 360   | 92         | 92  | 3       | 4       | 910                | 1770  | 240TDI360-1     |            | 262                            | 346    | 4      | 3      | 0.37                | 1.8  | 2.69 | 1.76 | 32.6        |
|          | 395   | 124        | 124 | 4       | 4       | 1400               | 2630  | 240TDI395-1     |            | 276                            | 377    | 4      | 4      | 0.4                 | 1.68 | 2.5  | 1.64 | 60.2        |
|          | 400   | 128        | 128 | 4       | 5       | 1400               | 2590  | 240TDI400-1     |            | 268                            | 382    | 5      | 4      | 0.4                 | 1.68 | 2.5  | 1.64 | 64.6        |
|          | 400   | 160        | 160 | 4       | 4       | 1770               | 3550  | 240TDI400-2     |            | 275                            | 382    | 4      | 4      | 0.4                 | 1.68 | 2.5  | 1.64 | 80.7        |
| 260      | 400   | 104        | 104 | 4       | 5       | 1150               | 2190  | 260TDI400-1     |            | 285                            | 382    | 5      | 4      | 0.37                | 1.8  | 2.69 | 1.76 | 47.3        |
|          | 400   | 150        | 150 | 4       | 4       | 1470               | 3200  | 260TDI400-2     |            | 289                            | 382    | 4      | 4      | 0.43                | 1.57 | 2.34 | 1.53 | 68.3        |
|          | 420   | 170        | 170 | 4       | 5       | 2150               | 4260  | 260TDI420-1     |            | 296.7                          | 381.5  | 5      | 4      | 0.33                | 2.03 | 3.02 | 1.98 | 92.5        |
|          | 440   | 144        | 144 | 4       | 5       | 1770               | 4150  | 260TDI440-1     |            | 301                            | 407    | 5      | 4      | 0.35                | 1.9  | 2.9  | 1.9  | 95.8        |
| 280      | 420   | 106        | 106 | 4       | 5       | 1200               | 2340  | 280TDI420-1     |            | 305                            | 402    | 5      | 4      | 0.37                | 1.8  | 2.69 | 1.76 | 51.2        |
|          | 460   | 146        | 146 | 5       | 6       | 1940               | 3650  | 280TDI460-1     |            | 315                            | 438    | 6      | 5      | 0.4                 | 1.68 | 2.5  | 1.64 | 95.8        |
| 285      | 500   | 200        | 200 | 5       | 6       | 2980               | 5800  | 285TDI500-1     |            | 318                            | 456    | 6      | 5      | 0.35                | 1.9  | 2.8  | 1.9  | 170         |
| 300      | 460   | 118        | 118 | 4       | 5       | 1610               | 3150  | 300TDI460-1     |            | 330                            | 442    | 5      | 4      | 0.37                | 1.8  | 2.69 | 1.76 | 70.7        |
|          | 500   | 160        | 160 | 5       | 6       | 2100               | 4050  | 300TDI500-1     |            | 335                            | 478    | 6      | 5      | 0.4                 | 1.68 | 2.5  | 1.64 | 126         |
| 310      | 440   | 110        | 110 | 3       | 4       | 1250               | 2780  | 310TDI440-1     |            | 331                            | 413    | 4      | 3      | 0.37                | 1.8  | 2.7  | 1.8  | 53.2        |
| 320      | 450   | 110        | 110 | 3       | 4       | 1270               | 2760  | 320TDI450-1     |            | 351.1                          | 415.9  | 4      | 3      | 0.38                | 1.77 | 2.64 | 1.73 | 54.1        |
|          | 480   | 121        | 121 | 4       | 5       | 1580               | 3100  | 320TDI480-1     |            | 350                            | 462    | 5      | 4      | 0.37                | 1.8  | 2.69 | 1.76 | 76.3        |
|          | 510.8 | 220        | 220 | 4       | 4       | 3100               | 6850  | 320TDI510-1     |            | 358                            | 493    | 4      | 4      | 0.35                | 1.95 | 2.9  | 1.91 | 173         |
|          | 540   | 176        | 176 | 5       | 6       | 2500               | 4900  | 320TDI540-1     |            | 355                            | 518    | 6      | 5      | 0.4                 | 1.68 | 2.5  | 1.64 | 164         |
|          | 580   | 240        | 240 | 5       | 3       | 3700               | 7800  | 320TDI580-1     |            | 379                            | 558    | 3      | 5      | 0.43                | 1.57 | 2.34 | 1.53 | 288         |
|          | 620   | 280        | 280 | 5       | 5       | 5250               | 10300 | 320TDI620-1     |            | 360                            | 598    | 5      | 5      | 0.43                | 1.57 | 2.34 | 1.53 | 390         |
| 330      | 540   | 186        | 186 | 5       | 5       | 2950               | 7450  | 330TDI540-1     |            | 373                            | 497    | 5      | 5      | 0.33                | 2    | 3    | 2    | 184         |

Double-row Taper Roller Bearing with Double Outer Ring  
(Inch Series)

WSW

| 基 本 尺 寸  |     |            |       |         |         | 基本额定载荷(kN)         |       | 轴承代号            |            | 相关安装尺寸(mm)                     |        |        |        | 计算系数                |      |      |      | 质量(kg)      |
|----------|-----|------------|-------|---------|---------|--------------------|-------|-----------------|------------|--------------------------------|--------|--------|--------|---------------------|------|------|------|-------------|
| Boundary |     | Dimensions |       |         |         | Basic Load Ratings |       | Bearing Numbers |            | Abutment and Fillet Dimensions |        |        |        | Calculation Factors |      |      |      | Mass Refer. |
| d        | D   | T          | B     | r1.2min | r3.4min | Cr                 | Cor   | 新代号<br>New      | 旧代号<br>Old | da min                         | Da max | fb max | fa max | e                   | Y1   | Y2   | Y0   | Refer.      |
| 340      | 470 | 110        | 110   | 3       | 3       | 1320               | 3050  | 340TDI470-1     |            | 369                            | 456    | 3      | 3      | 0.4                 | 1.68 | 2.5  | 1.64 | 57.8        |
|          | 520 | 133        | 133   | 5       | 5       | 2020               | 4100  | 340TDI520-1     |            | 382                            | 484    | 5      | 5      | 0.39                | 1.7  | 2.6  | 1.7  | 105         |
|          | 580 | 190        | 190   | 5       | 6       | 2690               | 5150  | 340TDI580-1     |            | 377                            | 530    | 6      | 5      | 0.39                | 1.7  | 2.6  | 1.7  | 205         |
|          | 580 | 241        | 241   | 5       | 5       | 3800               | 7750  | 340TDI580-2     |            | 376                            | 531    | 5      | 5      | 0.37                | 1.8  | 2.7  | 1.8  | 265         |
| 350      | 480 | 110        | 110   | 4       | 4       | 1400               | 3150  | 350TDI480-1     |            | 376.5                          | 462    | 4      | 4      | 0.42                | 1.62 | 2.42 | 1.59 | 58.7        |
|          | 590 | 192        | 192   | 5       | 5       | 3200               | 6100  | 350TDI590-1     |            | 407                            | 568    | 5      | 5      | 0.33                | 2.03 | 3.02 | 1.98 | 218         |
| 360      | 540 | 134        | 134   | 5       | 6       | 2100               | 4350  | 360TDI540-1     |            | 391                            | 505    | 6      | 5      | 0.39                | 1.7  | 2.6  | 1.7  | 111         |
|          | 600 | 192        | 192   | 6       | 6       | 3500               | 7100  | 360TDI600-1     |            | 399                            | 551    | 6      | 6      | 0.39                | 1.7  | 2.6  | 1.7  | 235         |
|          | 680 | 330        | 300   | 6       | 6       | 6500               | 13900 | 360TDI680-1     |            | 431                            | 652    | 6      | 6      | 0.47                | 1.43 | 2.12 | 1.4  | 570         |
| 380      | 530 | 200        | 200   | 5       | 5       | 2380               | 6200  | 380TDI530-1     |            | 404                            | 495    | 5      | 5      | 0.33                | 2    | 3    | 2    | 134         |
|          | 560 | 135        | 135   | 5       | 6       | 2080               | 4350  | 380TDI560-1     |            | 415                            | 538    | 6      | 5      | 0.37                | 1.8  | 2.69 | 1.76 | 113         |
|          | 570 | 200        | 200   | 4       | 1.5     | 3210               | 7560  | 380TDI570-1     |            | 417.9                          | 520    | 1.5    | 4      | 0.47                | 1.43 | 2.12 | 1.4  | 183         |
|          | 620 | 194        | 194   | 5       | 6       | 3350               | 6700  | 380TDI620-1     |            | 420                            | 598    | 6      | 5      | 0.4                 | 1.68 | 2.5  | 1.64 | 229         |
| 385      | 530 | 180        | 180   | 4       | 2       | 2130               | 5300  | 385TDI530-1     |            | 404                            | 497    | 2      | 4      | 0.38                | 1.8  | 2.7  | 1.7  | 117         |
| 400      | 530 | 120        | 105   | 4       | 1.5     | 1340               | 3350  | 400TDI530-1     |            | 418                            | 499    | 1.5    | 4      | 0.56                | 1.2  | 1.8  | 1.2  | 69.1        |
|          | 590 | 142        | 142   | 3       | 3       | 2300               | 5000  | 400TDI590-1     |            | 428                            | 553    | 3      | 3      | 0.42                | 1.6  | 2.4  | 1.6  | 138         |
|          | 590 | 144.5      | 144.5 | 5       | 5       | 2150               | 4550  | 400TDI590-2     |            | 430                            | 550    | 5      | 5      | 0.42                | 1.6  | 2.4  | 1.6  | 131         |
|          | 600 | 148        | 148   | 5       | 6       | 2530               | 5450  | 400TDI600-1     |            | 440                            | 578    | 6      | 5      | 0.37                | 1.8  | 2.69 | 1.76 | 146         |
|          | 650 | 250        | 250   | 6       | 6       | 4900               | 10500 | 400TDI650-2     |            | 457.5                          | 622    | 6      | 6      | 0.39                | 1.74 | 2.59 | 1.7  | 325         |
|          | 730 | 340        | 340   | 7.5     | 7.5     | 4900               | 15900 | 400TDI730-1     |            | 470                            | 694    | 7.5    | 7.5    | 0.4                 | 1.68 | 2.5  | 1.64 | 672         |
|          | 780 | 380        | 380   | 7.5     | 7.5     | 7400               | 17700 | 400TDI780-2     |            | 477.5                          | 744    | 7.5    | 7.5    | 0.4                 | 1.68 | 2.5  | 1.64 | 895         |
| 406      | 635 | 224        | 224   | 6       | 3       | 4200               | 10800 | 406TDI6301      |            | 451                            | 593    | 3      | 6      | 0.33                | 2    | 3    | 2    | 287         |
| 415      | 593 | 152        | 152   | 3.5     | 3.5     | 2350               | 5400  | 415TDI5951      |            | 441                            | 555    | 3.5    | 3.5    | 0.48                | 1.4  | 2.1  | 1.4  | 139         |
| 420      | 520 | 90         | 90    | 4       | 1.5     | 1020               | 2700  | 420TDI520-1     |            | 441                            | 502    | 1.5    | 4      | 0.47                | 1.43 | 2.12 | 1.4  | 41.9        |
|          | 620 | 150        | 150   | 5       | 6       | 2650               | 5900  | 420TDI620-1     |            | 460                            | 598    | 6      | 5      | 0.37                | 1.8  | 2.69 | 1.76 | 154         |
|          | 700 | 224        | 224   | 6       | 6       | 4800               | 9700  | 420TDI700-1     |            | 465                            | 672    | 6      | 6      | 0.4                 | 1.68 | 2.5  | 1.64 | 346         |
|          | 735 | 406        | 406   | 7.5     | 7.5     | 8600               | 20400 | 420TDI735-1     |            | 489.5                          | 699    | 7.5    | 7.5    | 0.37                | 1.8  | 2.69 | 1.76 | 780         |

Double-row Taper Roller Bearing with Double Outer Ring  
(Inch Series)

WSW

| 基 本 尺 寸  |       |            |         |         |         | 基本额定载荷(kN)         |       | 轴承代号            |            | 相关安装尺寸(mm)                     |        |        |        | 计算系数                |      |      |      | 质量(kg)      |
|----------|-------|------------|---------|---------|---------|--------------------|-------|-----------------|------------|--------------------------------|--------|--------|--------|---------------------|------|------|------|-------------|
| Boundary |       | Dimensions |         |         |         | Basic Load Ratings |       | Bearing Numbers |            | Abutment and Fillet Dimensions |        |        |        | Calculation Factors |      |      |      | Mass Refer. |
| d        | D     | T          | B       | r1.2min | r3.4min | Cr                 | Cor   | 新代号<br>New      | 旧代号<br>Old | da min                         | Da max | fb max | fa max | e                   | Y1   | Y2   | Y0   | Refer.      |
| 430      | 535   | 84         | 84      | 3       | 1       | 1020               | 2850  | 430TDI535-1     |            | 490                            | 500    | 1      | 3      | 0.54                | 1.3  | 1.8  | 1.3  | 44.5        |
| 440      | 650   | 157        | 157     | 6       | 6       | 2810               | 6200  | 440TDI650-1     |            | 488                            | 606    | 6      | 6      | 0.39                | 1.7  | 2.6  | 1.7  | 183         |
|          | 720   | 226        | 226     | 6       | 6       | 5000               | 10300 | 440TDI720-1     |            | 485                            | 692    | 6      | 6      | 0.4                 | 1.68 | 2.5  | 1.64 | 361         |
|          | 730   | 290        | 290     | 6       | 6       | 6400               | 13900 | 440TDI730-1     |            | 503.5                          | 702    | 6      | 6      | 0.33                | 2.03 | 3.02 | 1.98 | 513         |
| 448      | 635   | 224        | 224     | 6       | 3       | 4200               | 10800 | 448TDI635-1     |            | 472                            | 593    | 3      | 6      | 0.33                | 2    | 3    | 2    | 238         |
| 450      | 595   | 178        | 178     | 6       | 3       | 2820               | 7740  | 450TDI595-1     |            | 510                            | 560    | 3      | 6      | 0.33                | 2    | 3    | 2    | 140         |
|          | 720   | 300        | 300     | 7.5     | 4       | 5550               | 12600 | 450TDI720-1     |            | 500.5                          | 684    | 4      | 7.5    | 0.43                | 1.57 | 2.34 | 1.53 | 483         |
| 453      | 593   | 136        | 136     | 3.3     | 1.5     | 1920               | 5000  | 453TDI593-1     |            | 473                            | 564    | 1.5    | 3.3    | 0.47                | 1.4  | 2.1  | 1.4  | 98.8        |
| 458      | 830.5 | 377        | 377     | 7.5     | 7.5     | 9100               | 19700 | 458TDI830-1     |            | 512                            | 750    | 7.5    | 7.5    | 0.4                 | 1.7  | 2.5  | 1.6  | 937         |
| 460      | 680   | 163        | 163     | 6       | 6       | 3050               | 6600  | 460TDI680-1     |            | 500                            | 652    | 6      | 6      | 0.37                | 1.8  | 2.69 | 1.76 | 201         |
|          | 760   | 240        | 240     | 7.5     | 7.5     | 5350               | 11600 | 460TDI760-1     |            | 530                            | 700    | 7.5    | 7.5    | 0.39                | 1.7  | 2.6  | 1.7  | 448         |
|          | 860   | 420        | 420     | 6       | 6       | 10500              | 22700 | 460TDI860-1     |            | 547                            | 832    | 6      | 6      | 0.4                 | 1.68 | 2.5  | 1.64 | 1120        |
| 480      | 700   | 165        | 165     | 6       | 6       | 3050               | 6700  | 480TDI700-1     |            | 520                            | 672    | 6      | 6      | 0.37                | 1.8  | 2.69 | 1.76 | 211         |
|          | 790   | 248        | 248     | 7.5     | 7.5     | 5700               | 12500 | 480TDI790-1     |            | 530                            | 726    | 7.5    | 7.5    | 0.39                | 1.7  | 2.6  | 1.7  | 517         |
| 500      | 670   | 150        | 150     | 5       | 2.5     | 2400               | 6100  | 500TDI670-1     |            | 536                            | 648    | 2.5    | 5      | 0.4                 | 1.68 | 2.5  | 1.64 | 148         |
|          | 720   | 167        | 167     | 6       | 6       | 3050               | 6900  | 500TDI720-1     |            | 540                            | 692    | 6      | 6      | 0.37                | 1.8  | 2.69 | 1.76 | 221         |
|          | 730   | 280        | 280     | 6       | 3       | 6270               | 14820 | 500TDI730-1     |            | 540                            | 672    | 3      | 6      | 0.31                | 2.2  | 3.3  | 2.2  | 420         |
|          | 820   | 256        | 256     | 9.5     | 9.5     | 5250               | 11900 | 500TDI820-1     |            | 583.5                          | 776    | 9.5    | 9.5    | 0.4                 | 1.68 | 2.5  | 1.64 | 535         |
|          | 830   | 264        | 264     | 7.5     | 7.5     | 6400               | 14000 | 500TDI830-1     |            | 550                            | 794    | 7.5    | 7.5    | 0.4                 | 1.68 | 2.5  | 1.64 | 570         |
| 501.65   | 711.2 | 250.825    | 250.825 | 3.2     | 6.4     | 4500               | 13400 |                 | 879/500    | 576                            | 676    | 3.2    | 6.4    | 0.35                | 1.92 | 2.86 | 1.88 | 323         |
| 530      | 730   | 250        | 250     | 6       | 6       | 4600               | 13400 |                 | 878/530    | 578                            | 682    | 6      | 6      | 0.34                | 2    | 2.97 | 1.95 | 323         |
|          | 780   | 185        | 185     | 6       | 6       | 4150               | 9350  | 530TDI780-1     |            | 568                            | 731    | 6      | 6      | 0.37                | 1.8  | 2.7  | 1.8  | 321         |
|          | 870   | 272        | 272     | 7.5     | 7.5     | 6800               | 14500 | 550TDI870-1     |            | 581                            | 800    | 7.5    | 7.5    | 0.39                | 1.7  | 2.6  | 1.7  | 661         |
| 540      | 710   | 150        | 140     | 4       | 5       | 2180               | 5650  | 540TDI710-1     |            | 568                            | 675    | 5      | 4      | 0.4                 | 1.7  | 2.5  | 1.6  | 151         |

Double-row Taper Roller Bearing with Double Outer Ring  
(Inch Series)

WSW

| 基 本 尺 寸  |      |            |        |         |         | 基本额定载荷(kN)         |       | 轴承代号            |            | 相关安装尺寸(mm)                     |        |        |        | 计算系数                |      |      |      | 质量(kg)      |
|----------|------|------------|--------|---------|---------|--------------------|-------|-----------------|------------|--------------------------------|--------|--------|--------|---------------------|------|------|------|-------------|
| Boundary |      | Dimensions |        |         |         | Basic Load Ratings |       | Bearing Numbers |            | Abutment and Fillet Dimensions |        |        |        | Calculation Factors |      |      |      | Mass Refer. |
| d        | D    | T          | B      | r1.2min | r3.4min | Cr                 | Cor   | 新代号<br>New      | 旧代号<br>Old | da min                         | Da max | rb max | ra max | e                   | Y1   | Y2   | Y0   | Refer.      |
| 550      | 750  | 150        | 130    | 5       | 6       | 2630               | 6350  | 550TDI750-1     |            | 583                            | 707    | 6      | 5      | 0.49                | 1.4  | 2.1  | 1.4  | 196         |
| 560      | 820  | 195        | 195    | 6       | 6       | 4550               | 10300 | 560TDI820-1     |            | 620                            | 792    | 6      | 6      | 0.35                | 1.92 | 2.86 | 1.88 | 347         |
|          | 920  | 280        | 280    | 7.5     | 7.5     | 7300               | 15400 | 560TDI31        |            | 635                            | 845    | 7.5    | 7.5    | 0.39                | 1.7  | 2.6  | 1.7  | 762         |
| 570      | 710  | 150        | 140    | 4       | 4       | 2230               | 6450  | 570TDI710-1     |            | 593                            | 680    | 4      | 4      | 0.32                | 2.1  | 3.1  | 2.1  | 130         |
|          | 750  | 240        | 240    | 6       | 6       | 3500               | 11800 |                 | 877/570    | 593                            | 712    | 6      | 6      | 0.5                 | 1.36 | 2.02 | 1.33 | 287         |
| 580      | 830  | 280        | 280    | 6       | 3       | 6480               | 15770 | 580TDI830-1     |            | 608                            | 776    | 3      | 6      | 0.31                | 2.2  | 3.3  | 2.2  | 515         |
| 590      | 770  | 160        | 150    | 5       | 6       | 2600               | 7300  | 590TDI770-1     |            | 620                            | 732    | 6      | 5      | 0.39                | 1.7  | 2.6  | 1.7  | 191         |
| 596      | 760  | 115        | 115.25 | 5       | 6       | 1500               | 5000  | 596TDI760-1     |            | 633                            | 723    | 6      | 5      | 0.44                | 1.5  | 2.3  | 1.5  | 137         |
| 600      | 760  | 115        | 115    | 5       | 6       | 1500               | 5000  | 600TDI760-1     |            | 635                            | 723    | 6      | 5      | 0.44                | 1.5  | 2.3  | 1.5  | 133         |
|          | 820  | 160        | 160    | 6       | 6       | 3300               | 8300  | 600TDI820-1     |            | 637                            | 774    | 6      | 6      | 0.42                | 1.6  | 2.4  | 1.6  | 258         |
|          | 870  | 200        | 200    | 6       | 6       | 4350               | 9510  | 600TDI870-1     |            | 663                            | 792    | 6      | 6      | 0.37                | 1.8  | 2.69 | 1.76 | 396         |
|          | 870  | 400        | 380    | 7.5     | 4       | 8500               | 24100 | 600TDI870-2     |            | 641                            | 834    | 4      | 7.5    | 0.47                | 1.43 | 2.12 | 1.4  | 758         |
|          | 980  | 300        | 300    | 7.5     | 7.5     | 8290               | 17400 | 600TDI980-1     |            | 692                            | 871    | 7.5    | 7.5    | 0.39                | 1.74 | 2.59 | 1.7  | 911         |
| 630      | 920  | 212        | 212    | 7.5     | 7.5     | 5350               | 12800 | 630TDI920-1     |            | 399                            | 884    | 7.5    | 7.5    | 0.4                 | 1.68 | 2.5  | 1.64 | 479         |
|          | 1030 | 315        | 315    | 7.5     | 7.5     | 9150               | 19400 | 630TDI1030-1    |            | 733                            | 915    | 7.5    | 7.5    | 0.39                | 1.74 | 2.59 | 1.7  | 1060        |
| 650      | 1030 | 270        | 270    | 10      | 15      | 8360               | 17380 | 650TDI1030-1    |            | 680                            | 960    | 15     | 10     | 0.31                | 2.2  | 3.3  | 2.2  | 900         |
| 670      | 980  | 230        | 230    | 7.5     | 7.5     | 6300               | 14600 | 670TDI980-1     |            | 717                            | 920    | 7.5    | 7.5    | 0.37                | 1.8  | 2.7  | 1.8  | 601         |
| 670      | 1090 | 336        | 336    | 7.5     | 7.5     | 10300              | 23500 | 670TDI1090-1    |            | 733                            | 1008   | 7.5    | 7.5    | 0.37                | 1.8  | 2.7  | 1.8  | 1270        |
| 690      | 980  | 355        | 355    | 6       | 6       | 9400               | 26000 | 690TDI980-1     |            | 729                            | 917    | 6      | 6      | 0.35                | 1.9  | 2.9  | 1.9  | 891         |
| 700      | 890  | 160        | 150    | 5       | 5       | 2850               | 8600  | 700TDI890-1     |            | 746                            | 868    | 5      | 5      | 0.45                | 1.5  | 2.24 | 1.47 | 224         |
|          | 900  | 197        | 197    | 6       | 3       | 4490               | 12540 | 710TDI900-1     |            | 785                            | 830    | 3      | 6      | 0.35                | 1.9  | 2.9  | 1.8  | 325         |
|          | 1030 | 236        | 236    | 7.5     | 7.5     | 6600               | 16100 | 710TDI1030-1    |            | 785                            | 965    | 7.5    | 7.5    | 0.37                | 1.8  | 2.7  | 1.8  | 671         |
|          | 1150 | 345        | 345    | 9.5     | 9.5     | 11100              | 26100 | 710TDI1150-1    |            | 800                            | 1055   | 9.5    | 9.5    | 0.37                | 1.8  | 2.7  | 1.8  | 1440        |

Double-row Taper Roller Bearing with Double Outer Ring  
(Inch Series)

WSW

| 基 本 尺 寸  |      |            |        |         |         | 基本额定载荷(kN)         |       | 轴承代号            |            | 相关安装尺寸(mm)                     |        |        |        | 计算系数                |      |      |      | 质量(kg)      |
|----------|------|------------|--------|---------|---------|--------------------|-------|-----------------|------------|--------------------------------|--------|--------|--------|---------------------|------|------|------|-------------|
| Boundary |      | Dimensions |        |         |         | Basic Load Ratings |       | Bearing Numbers |            | Abutment and Fillet Dimensions |        |        |        | Calculation Factors |      |      |      | Mass Refer. |
| d        | D    | T          | B      | r1.2min | r3.4min | Cr                 | Cor   | 新代号<br>New      | 旧代号<br>Old | da min                         | Da max | fb max | fa max | e                   | Y1   | Y2   | Y0   |             |
| 750      | 1090 | 250        | 250    | 7.5     | 7.5     | 7350               | 18100 | 750TDI1090-1    |            | 830                            | 1025   | 7.5    | 7.5    | 0.37                | 1.8  | 2.7  | 1.8  | 798         |
|          | 1220 | 365        | 365    | 9.5     | 9.5     | 12500              | 29500 | 750TDI1220-1    |            | 855                            | 1125   | 9.5    | 9.5    | 0.37                | 1.8  | 2.7  | 1.8  | 1730        |
| 790      | 970  | 125        | 125.25 | 5       | 5       | 2310               | 7350  | 790TDI970-1     |            | 824                            | 931    | 5      | 5      | 0.36                | 1.9  | 2.8  | 1.8  | 211         |
| 800      | 1150 | 258        | 258    | 7.5     | 7.5     | 7790               | 18600 | 800TDI1150-1    |            | 887                            | 1052   | 7.5    | 7.5    | 0.39                | 1.74 | 2.59 | 1.7  | 890         |
|          | 1260 | 375        | 375    | 12      | 12      | 13960              | 31820 | 800TDI1260-1    |            | 886                            | 1136   | 12     | 12     | 0.33                | 2    | 3    | 2    | 1850        |
|          | 1280 | 375        | 375    | 9.5     | 9.5     | 12400              | 27400 | 800TDI1280-1    |            | 917                            | 1140   | 9.5    | 9.5    | 0.39                | 1.74 | 2.59 | 1.7  | 1890        |
| 850      | 1220 | 272        | 272    | 7.5     | 7.5     | 8480               | 20200 | 850TDI1220-1    |            | 943                            | 1120   | 7.5    | 7.5    | 0.39                | 1.74 | 2.59 | 1.7  | 1050        |
|          | 1250 | 370        | 370    | 7.5     | 7.5     | 12200              | 32000 | 850TDI1250-1    |            | 905                            | 1166   | 7.5    | 7.5    | 0.4                 | 1.7  | 2.5  | 1.6  | 1600        |
|          | 1360 | 400        | 400    | 12      | 12      | 13400              | 29500 | 850TDI1360-1    |            | 970                            | 1210   | 12     | 12     | 0.39                | 1.74 | 2.59 | 1.7  | 2280        |
| 880      | 1220 | 340        | 340    | 7.5     | 4       | 10700              | 30000 | 880TDI1220-1    |            | 928                            | 1151   | 4      | 7.5    | 0.34                | 2    | 2.9  | 1.9  | 1260        |
| 900      | 1280 | 280        | 280    | 7.5     | 7.5     | 9340               | 22500 | 900TDI1280-1    |            | 991                            | 1175   | 7.5    | 7.5    | 0.39                | 1.74 | 2.59 | 1.7  | 1170        |
| 950      | 1360 | 300        | 300    | 7.5     | 7.5     | 10300              | 24900 | 950TDI1360-1    |            | 1050                           | 1255   | 7.5    | 7.5    | 0.39                | 1.74 | 2.59 | 1.7  | 1440        |
| 1000     | 1320 | 240        | 240    | 7.5     | 7.5     | 7400               | 20500 | 1000TDI1320-1   |            | 1053                           | 1257   | 7.5    | 7.5    | 0.33                | 2    | 3    | 2    | 907         |
| 1005     | 1360 | 400        | 400    | 7.5     | 7.5     | 13300              | 40500 | 1005TDI1360-1   |            | 1054                           | 1281   | 7.5    | 7.5    | 0.42                | 1.6  | 2.4  | 1.6  | 1730        |
| 1180     | 1660 | 510        | 510    | 9.5     | 9.5     | 21500              | 63500 | 1180TDI1660-1   |            | 1248                           | 1561   | 9.5    | 9.5    | 0.35                | 1.9  | 2.9  | 1.9  | 3610        |
| 1290     | 1690 | 400        | 400    | 7.5     | 7.5     | 16100              | 53000 | 1290TDI1690-1   |            | 1348                           | 1606   | 7.5    | 7.5    | 0.35                | 1.9  | 2.8  | 1.9  | 2500        |
| 1400     | 1600 | 180        | 180    | 5       | 2.5     | 4400               | 16300 | 1400TDI1600-1   |            | 1437.5                         | 1578   | 2.5    | 5      | 0.55                | 1.24 | 1.84 | 1.21 | 534         |

Double-row Taper Roller Bearing with Double Outer Ring  
(Inch Series)

WSW

| 基 本 尺 寸(mm)<br>Boundary Dimensions |         |         |         | 轴 承 型 号<br>Bearing Numbers | 结 构<br>Design | 相关安装尺寸(mm)<br>Abutment and Fillet Dimensions |                    |                    |                    | 计 算 系 数<br>Calculation Factors |                |                |                | 质量(mm)<br>Mass<br>参考<br>Refer. |
|------------------------------------|---------|---------|---------|----------------------------|---------------|----------------------------------------------|--------------------|--------------------|--------------------|--------------------------------|----------------|----------------|----------------|--------------------------------|
| d                                  | D       | T       | B       |                            |               | d <sub>a</sub> min                           | D <sub>b</sub> max | r <sub>b</sub> max | Γ <sub>a</sub> max | e                              | Y <sub>1</sub> | Y <sub>2</sub> | Y <sub>0</sub> |                                |
| 101.6                              | 190.5   | 127     | 117.475 | 868D/854                   | 1             | 113                                          | 168                | 1.6                | 3.2                | 0.33                           | 2              | 3              | 2              | 14.5                           |
|                                    | 200.025 | 127     | 127     | 868D/854X                  | 1             | 113                                          | 172                | 1.6                | 3.2                | 0.33                           | 2              | 3              | 2              | 18.2                           |
| 107.95                             | 190.5   | 101.6   | 98.425  | 71426D/71750               | 1             | 121                                          | 171                | 1.6                | 3.2                | 0.42                           | 1.6            | 2.4            | 1.6            | 11.8                           |
|                                    | 212.725 | 152.4   | 142.885 | 946D/932                   | 1             | 123                                          | 187                | 3.2                | 3.2                | 0.33                           | 2.1            | 3.1            | 2              | 23.9                           |
| 114.3                              | 190.5   | 101.6   | 98.425  | 71450D/71750               | 1             | 125                                          | 171                | 1.6                | 3.2                | 0.42                           | 1.6            | 2.4            | 1.6            | 11                             |
|                                    | 212.725 | 152.4   | 142.885 | HH224346D/HH224310         | 1             | 127                                          | 191                | 3.2                | 3.2                | 0.33                           | 2.1            | 3.1            | 2              | 21.9                           |
| 120.65                             | 234.95  | 152.4   | 139.7   | 95474D/95925               | 1             | 146                                          | 212                | 6.4                | 3.2                | 0.37                           | 1.8            | 2.7            | 1.8            | 28.1                           |
| 127                                | 182.562 | 76.2    | 76.2    | 48290D/48220               | 1             | 136                                          | 167                | 3.2                | 1.6                | 0.31                           | 2.2            | 3.3            | 2.2            | 6.7                            |
|                                    | 182.562 | 76.2    | 76.2    | 48290TD/48220              | 2             | 136                                          | 167                | 1.6                | 1.6                | 0.31                           | 2.2            | 3.3            | 2.2            | 6.7                            |
|                                    | 196.85  | 92.075  | 92.075  | 67388D/67322               | 1             | 145.8                                        | 180.1              | 3.2                | 1.6                | 0.34                           | 1.96           | 2.92           | 1.92           | 10.4                           |
|                                    | 203.2   | 92.075  | 92.075  | 67388D/67320               | 1             | 145.8                                        | 180.1              | 3.2                | 1.6                | 0.34                           | 1.96           | 2.92           | 1.92           | 11.8                           |
|                                    | 234.95  | 152.4   | 139.7   | 95499D/95925               | 1             | 147                                          | 212                | 5                  | 3.3                | 0.37                           | 1.8            | 2.7            | 1.8            | 26.7                           |
|                                    | 247     | 171.45  | 161.925 | EE153053D/153097           | 1             | 153.2                                        | 217.4              | 3.2                | 3.2                | 0.32                           | 2.1            | 3.13           | 2.05           | 35.9                           |
|                                    | 247.65  | 152.4   | 139.7   | 95499D/95975               | 1             | 150.6                                        | 204.3              | 3.2                | 5.2                | 0.37                           | 1.83           | 2.72           | 1.79           | 32.4                           |
|                                    | 254     | 171.45  | 161.925 | EE153053D/153100           | 1             | 146                                          | 223                | 3.2                | 6.4                | 0.32                           | 2.1            | 3.1            | 2.1            | 36.5                           |
|                                    | 258.763 | 171.45  | 161.925 | EE153053D/153101           | 1             | 153.2                                        | 217.4              | 6.4                | 3.2                | 0.32                           | 2.1            | 3.13           | 2.05           | 41.6                           |
|                                    | 260.35  | 171.45  | 161.925 | EE153053D/153102           | 1             | 153.2                                        | 217.4              | 6.4                | 3.2                | 0.32                           | 2.1            | 3.13           | 2.05           | 42.5                           |
|                                    | 288.925 | 158.75  | 149.225 | HH231637D/HH231610         | 1             | 172.1                                        | 252.1              | 6.4                | 13.2               | 0.32                           | 2.12           | 3.15           | 2.07           | 50.9                           |
|                                    | 295.275 | 158.75  | 149.225 | HH231637D/HH231615         | 1             | 172.1                                        | 252.1              | 6.4                | 13.2               | 0.32                           | 2.12           | 3.15           | 2.07           | 54.3                           |
| 130.005                            | 215.9   | 123.825 | 123.825 | 74510D/74850               | 1             | 145                                          | 195                | 3.2                | 1.6                | 0.49                           | 1.4            | 2.1            | 1.4            | 17.2                           |
|                                    | 217.488 | 123.825 | 123.825 | 74510D/74856               | 1             | 153.1                                        | 193.4              | 3.2                | 1.6                | 0.49                           | 1.38           | 2.06           | 1.35           | 17.8                           |
| 130.175                            | 215.9   | 101.6   | 101.6   | 74512D/74850               | 1             | 145                                          | 195                | 1.6                | 3.2                | 0.49                           | 1.4            | 2.1            | 1.4            | 14.7                           |
|                                    | 217.488 | 101.6   | 101.6   | 74512D/74856               | 1             | 153.1                                        | 193.4              | 3.2                | 1.6                | 0.49                           | 1.38           | 2.06           | 1.35           | 15                             |
|                                    | 222.25  | 53.975  | 60.579  | 73512D/73875               | 1             | 160.8                                        | 197.9              | 3.2                | 3.6                | 0.44                           | 1.54           | 2.3            | 1.51           | 9.38                           |
| 133.35                             | 196.85  | 92.075  | 92.075  | 67390D/67322               | 1             | 142                                          | 180                | 1.6                | 3.2                | 0.34                           | 2              | 2.9            | 1.9            | 9.3                            |
|                                    | 196.85  | 92.075  | 92.075  | 67390TD/67322              | 2             | 145.8                                        | 180.1              | 3.2                | 1.6                | 0.34                           | 1.96           | 2.92           | 1.92           | 9.46                           |
|                                    | 196.85  | 120.65  | 120.65  | 67392TD/67322              | 2             | 145.8                                        | 180.1              | 3.2                | 1.6                | 0.34                           | 1.96           | 2.92           | 1.92           | 11.6                           |

Double-row Taper Roller Bearing with Double Outer Ring  
(Inch Series)

WSW

| 基 本 尺 寸(mm)<br>Boundary Dimensions |         |         |         | 轴 承 型 号<br>Bearing Numbers | 结 构<br>Design | 相关安装尺寸(mm)<br>Abutment and Fillet Dimensions |                    |                    |                    | 计 算 系 数<br>Calculation Factors |                |                |                | 质量(mm)<br>Mass<br>参考<br>Refer. |
|------------------------------------|---------|---------|---------|----------------------------|---------------|----------------------------------------------|--------------------|--------------------|--------------------|--------------------------------|----------------|----------------|----------------|--------------------------------|
| d                                  | D       | T       | B       |                            |               | d <sub>a</sub> min                           | D <sub>b</sub> max | r <sub>b</sub> max | Γ <sub>a</sub> max | e                              | Y <sub>1</sub> | Y <sub>2</sub> | Y <sub>0</sub> |                                |
| 133.35                             | 203.2   | 92.075  | 92.075  | 67390D/67320               | 1             | 145.8                                        | 180.1              | 3.2                | 1.6                | 0.34                           | 1.96           | 2.92           | 1.92           | 10.9                           |
|                                    | 203.2   | 92.075  | 92.075  | 67390TD/67320              | 2             | 145.8                                        | 180.1              | 3.2                | 1.6                | 0.34                           | 1.96           | 2.92           | 1.92           | 10.9                           |
|                                    | 203.2   | 120.65  | 120.65  | 67392TD/67320              | 2             | 145.8                                        | 180.1              | 3.2                | 1.6                | 0.34                           | 1.96           | 2.92           | 1.92           | 13.5                           |
|                                    | 234.95  | 152.4   | 139.7   | 95526TD/95925              | 2             | 150.6                                        | 204.3              | 3.2                | 1.6                | 0.37                           | 1.83           | 2.72           | 1.79           | 25.6                           |
|                                    | 247.65  | 152.4   | 139.7   | 95526TD/95975              | 2             | 150.6                                        | 204.3              | 3.2                | 1.6                | 0.37                           | 1.83           | 2.72           | 1.79           | 30.9                           |
|                                    |         |         |         |                            |               |                                              |                    |                    |                    |                                |                |                |                |                                |
| 136.525                            | 190.5   | 77.788  | 77.788  | 48393D/48320               | 1             | 149.7                                        | 174.8              | 3.2                | 1.6                | 0.32                           | 2.1            | 3.13           | 2.06           | 6.87                           |
|                                    | 203.2   | 77.788  | 77.788  | 48393D/48328               | 1             | 149.7                                        | 174.8              | 3.2                | 1.6                | 0.32                           | 2.1            | 3.13           | 2.06           | 9.22                           |
|                                    | 215.9   | 123.825 | 123.825 | 74539TD/74850              | 2             | 153.1                                        | 193.4              | 3.2                | 1.6                | 0.49                           | 1.38           | 2.06           | 1.35           | 15.9                           |
|                                    | 217.488 | 123.825 | 123.825 | 74539TD/74856              | 2             | 153.1                                        | 193.4              | 3.2                | 1.6                | 0.49                           | 1.38           | 2.06           | 1.35           | 16.4                           |
|                                    | 225.425 | 120.65  | 120.65  | H228649D/H228610           | 1             | 149                                          | 204                | 1.6                | 3.2                | 0.33                           | 2              | 3              | 2              | 19                             |
|                                    | 225.425 | 120.65  | 120.65  | H228649TD/H228610          | 2             | 155.8                                        | 201.5              | 3.2                | 1.6                | 0.33                           | 2.03           | 3.02           | 1.98           | 19.4                           |
| 139.7                              | 200.025 | 75.408  | 77.788  | 48680D/48620               | 1             | 151                                          | 185                | 0.8                | 3.2                | 0.34                           | 2              | 3              | 2              | 7.9                            |
|                                    | 222.25  | 53.975  | 60.579  | 73550D/73875               | 1             | 160.8                                        | 197.9              | 3.2                | 3.6                | 0.44                           | 1.54           | 2.3            | 1.51           | 8.53                           |
|                                    | 295.275 | 171.45  | 165.1   | EE455048D/455116           | 1             | 162                                          | 256                | 3.2                | 6.4                | 0.31                           | 2.2            | 3.3            | 2.2            | 55.4                           |
|                                    | 307.975 | 171.45  | 161.925 | HH234032D/HH234010         | 1             | 187.3                                        | 270.5              | 6.7                | 13.5               | 0.33                           | 2.07           | 3.08           | 2.02           | 62.3                           |
|                                    | 317.5   | 171.45  | 161.925 | HH234032D/HH234018         | 1             | 187.3                                        | 270.5              | 6.7                | 13.5               | 0.33                           | 2.07           | 3.08           | 2.02           | 68.1                           |
|                                    |         |         |         |                            |               |                                              |                    |                    |                    |                                |                |                |                |                                |
| 142.875                            | 200.025 | 74.613  | 77.788  | 48685TD/48620              | 2             | 155.1                                        | 182.5              | 3.2                | 0.8                | 0.34                           | 2.01           | 2.99           | 1.96           | 7.58                           |
| 146.05                             | 244.475 | 92.075  | 87.313  | 81576D/81962               | 1             | 174.2                                        | 218.8              | 3.2                | 1.6                | 0.35                           | 1.93           | 2.88           | 1.89           | 16.3                           |
|                                    | 317.5   | 171.45  | 161.925 | HH234040D/HH234018         | 1             | 180                                          | 279                | 13.5               | 6.8                | 0.33                           | 2.1            | 3.1            | 2              | 62.7                           |
| 147.638                            | 236.538 | 133.334 | 132.351 | 82581TD/82931              | 2             | 165.7                                        | 211.2              | 3.2                | 1.6                | 0.44                           | 1.53           | 2.27           | 1.49           | 21.7                           |
|                                    | 241.3   | 133.334 | 132.351 | 82581TD/82950              | 2             | 165.7                                        | 211.2              | 3.2                | 1.6                | 0.44                           | 1.53           | 2.27           | 1.49           | 23.6                           |
| 149.225                            | 236.538 | 105.347 | 106.363 | 82587D/82931               | 1             | 160                                          | 213                | 1.5                | 3.2                | 0.44                           | 1.5            | 2.3            | 1.5            | 17.5                           |
|                                    | 236.538 | 105.347 | 106.363 | 82587TD/82931              | 2             | 165.7                                        | 211.2              | 3.2                | 1.6                | 0.44                           | 1.53           | 2.27           | 1.49           | 17.9                           |
|                                    |         |         |         |                            |               |                                              |                    |                    |                    |                                |                |                |                |                                |
|                                    | 241.3   | 105.347 | 106.363 | 82587D/82950               | 1             | 165.7                                        | 211.2              | 3.2                | 1.6                | 0.44                           | 1.53           | 2.27           | 1.49           | 19.4                           |
|                                    | 241.3   | 105.347 | 106.363 | 82587TD/82950              | 2             | 165.7                                        | 211.2              | 3.2                | 1.6                | 0.44                           | 1.53           | 2.27           | 1.49           | 19.4                           |
|                                    | 254     | 120.65  | 120.65  | 99587D/99100               | 1             | 171.1                                        | 223.5              | 3.2                | 1.6                | 0.41                           | 1.66           | 2.47           | 1.62           | 26                             |

Double-row Taper Roller Bearing with Double Outer Ring  
(Inch Series)

WSW

| 基 本 尺 寸(mm)<br>Boundary Dimensions |         |         |         | 轴 承 型 号<br>Bearing Numbers | 结 构<br>Design | 相关安装尺寸(mm)<br>Abutment and Fillet Dimensions |        |        |        | 计 算 系 数<br>Calculation Factors |      |      |      | 质量(mm)<br>Mass<br>参考<br>Refer. |
|------------------------------------|---------|---------|---------|----------------------------|---------------|----------------------------------------------|--------|--------|--------|--------------------------------|------|------|------|--------------------------------|
| d                                  | D       | T       | B       |                            |               | da min                                       | Db max | rb max | ra max | e                              | Y1   | Y2   | Y0   |                                |
| 152.4                              | 222.25  | 84.138  | 84.138  | M231649D/M231610           | 1             | 164                                          | 207    | 1.6    | 1.6    | 0.33                           | 2    | 3    | 2    | 11.1                           |
|                                    | 222.25  | 84.138  | 84.138  | M231649TD/M231610          | 2             | 167.9                                        | 201.5  | 1.6    | 1.6    | 0.33                           | 2.03 | 3.02 | 1.98 | 11                             |
|                                    | 244.475 | 92.075  | 87.312  | 81601D/81962               | 1             | 167                                          | 225    | 1.6    | 3.2    | 0.35                           | 1.9  | 2.9  | 1.9  | 15.3                           |
|                                    | 244.475 | 119.063 | 120.651 | 81604TD/81962              | 2             | 175.4                                        | 218.8  | 3.2    | 1.6    | 0.35                           | 1.93 | 2.88 | 1.89 | 19.5                           |
|                                    | 254     | 120.65  | 120.65  | 99600TD/99100              | 2             | 171.1                                        | 223.5  | 3.2    | 1.6    | 0.41                           | 1.66 | 2.47 | 1.62 | 25.3                           |
|                                    | 254     | 133.35  | 133.35  | 99600D/99100               | 1             | 171.1                                        | 223.5  | 3.2    | 1.6    | 0.41                           | 1.66 | 2.47 | 1.62 | 27.2                           |
|                                    | 254     | 158.75  | 158.75  | 99603D/99100               | 1             | 165                                          | 230    | 1.6    | 3.2    | 0.41                           | 1.7  | 2.5  | 1.6  | 29.6                           |
|                                    | 254     | 158.75  | 158.75  | 99601TD/99100              | 2             | 171.1                                        | 223.5  | 3.2    | 1.6    | 0.41                           | 1.66 | 2.47 | 1.62 | 31.1                           |
|                                    | 298.45  | 111.125 | 107.95  | EE517060D/517117           | 1             | 176                                          | 272    | 3.2    | 3.2    | 0.33                           | 2    | 3    | 2    | 34.2                           |
|                                    | 307.975 | 171.45  | 161.925 | HH234049D/HH234010         | 1             | 187.3                                        | 270.5  | 6.7    | 9.5    | 0.33                           | 2.07 | 3.09 | 2.03 | 58.2                           |
|                                    | 317.5   | 171.45  | 161.925 | HH234049D/HH234018         | 1             | 179                                          | 279    | 9.5    | 6.8    | 0.33                           | 2.1  | 3.1  | 2    | 60.7                           |
| 152.781                            | 244.475 | 92.075  | 87.313  | 81603D/81962               | 1             | 174.2                                        | 218.8  | 3.2    | 1.6    | 0.35                           | 1.93 | 2.88 | 1.89 | 15.1                           |
| 155.575                            | 247.65  | 122.238 | 122.238 | H432549D/H432510           | 1             | 167                                          | 226    | 1.6    | 3.2    | 0.37                           | 1.8  | 2.7  | 1.8  | 22.4                           |
| 158.75                             | 225.425 | 76.2    | 79.375  | 46780DR/46720              | 2             | 179                                          | 206.5  | 0.8    | 3.2    | 0.38                           | 1.76 | 2.62 | 1.72 | 10.3                           |
|                                    | 285.75  | 125.413 | 128.588 | EE217063D/217112           | 1             | 182.2                                        | 245.7  | 3.2    | 6.4    | 0.4                            | 1.68 | 2.5  | 1.64 | 35.3                           |
|                                    | 290.513 | 125.413 | 125.413 | EE217063D/217114           | 1             | 182.2                                        | 246.2  | 3.2    | 6.4    | 0.4                            | 1.68 | 2.5  | 1.64 | 36.8                           |
|                                    | 304.8   | 114.3   | 109.438 | EE280625D/281200           | 1             | 207.2                                        | 271.3  | 3.2    | 6.4    | 0.36                           | 1.87 | 2.79 | 1.83 | 37.5                           |
| 165.1                              | 225.425 | 76.2    | 79.375  | 46790D/46720               | 1             | 175                                          | 208    | 0.8    | 3.2    | 0.38                           | 1.8  | 2.6  | 1.7  | 9.7                            |
|                                    | 269.875 | 146.05  | 146.05  | H234649TD/H234610          | 2             | 186.4                                        | 243.7  | 1.6    | 3.2    | 0.33                           | 2.03 | 3.02 | 1.98 | 32.2                           |
| 174.625                            | 288.925 | 123.825 | 123.825 | HM237542D/HM237510         | 1             | 190                                          | 266    | 1.6    | 3.2    | 0.32                           | 2.1  | 3.2  | 2.1  | 31.3                           |
|                                    | 288.925 | 158.75  | 158.75  | 94688TD/94113              | 2             | 201                                          | 255    | 1.6    | 3.2    | 0.47                           | 1.44 | 2.15 | 1.41 | 40.2                           |
|                                    | 298.45  | 158.75  | 158.75  | 94688TD/94118              | 2             | 201                                          | 255    | 1.6    | 3.2    | 0.47                           | 1.44 | 2.15 | 1.41 | 45.6                           |
|                                    | 342.9   | 190.5   | 187.325 | EE590689TD/591350          | 2             | 208                                          | 285.7  | 3.2    | 6.4    | 0.49                           | 1.37 | 2.04 | 1.34 | 77.6                           |
| 177.8                              | 247.65  | 90.488  | 90.488  | 67790D/67720               | 1             | 187                                          | 228    | 1.6    | 3.2    | 0.44                           | 1.5  | 2.3  | 1.5  | 13.3                           |
|                                    | 273.05  | 112.713 | 112.71  | 82680D/82622               | 1             | 196.9                                        | 251.3  | 1.6    | 3.2    | 0.52                           | 1.29 | 1.92 | 1.26 | 22.7                           |
|                                    | 279.4   | 112.712 | 112.71  | 82680D/82620               | 1             | 191                                          | 253    | 1.6    | 3.2    | 0.53                           | 1.3  | 1.9  | 1.2  | 24.9                           |
|                                    | 285.75  | 106.363 | 106.36  | EE91700D/91112             | 1             | 200.6                                        | 251.8  | 1.6    | 3.2    | 0.43                           | 1.57 | 2.34 | 1.53 | 26                             |

Double-row Taper Roller Bearing with Double Outer Ring  
(Inch Series)

WSW

| 基 本 尺 寸(mm)<br>Boundary Dimensions |         |         |         | 轴 承 型 号<br>Bearing Numbers | 结 构<br>Design | 相关安装尺寸(mm)<br>Abutment and Fillet Dimensions |                    |                    |                    | 计 算 系 数<br>Calculation Factors |                |                |                | 质量(mm)<br>Mass<br>参考<br>Refer. |
|------------------------------------|---------|---------|---------|----------------------------|---------------|----------------------------------------------|--------------------|--------------------|--------------------|--------------------------------|----------------|----------------|----------------|--------------------------------|
| d                                  | D       | T       | B       |                            |               | d <sub>a</sub> min                           | D <sub>b</sub> max | r <sub>b</sub> max | Γ <sub>a</sub> max | e                              | Y <sub>1</sub> | Y <sub>2</sub> | Y <sub>0</sub> |                                |
| 177.8                              | 288.925 | 123.825 | 123.825 | HM237546D/HM237510         | 1             | 191                                          | 266                | 1.6                | 3.2                | 0.32                           | 2.1            | 3.2            | 2.1            | 30.5                           |
|                                    | 288.925 | 123.825 | 123.825 | 94706D/94113               | 1             | 192                                          | 261                | 1.6                | 3.2                | 0.47                           | 1.4            | 2.1            | 1.4            | 32.1                           |
|                                    | 288.925 | 158.75  | 158.75  | HM237546DD/HM237510        | 1             | 191                                          | 266                | 1.6                | 3.2                | 0.32                           | 2.1            | 3.2            | 2.1            | 36.7                           |
|                                    | 288.925 | 158.75  | 158.75  | 94704D/94113               | 1             | 201                                          | 255                | 1.6                | 3.2                | 0.47                           | 1.44           | 2.15           | 1.41           | 39.1                           |
|                                    | 298.45  | 123.825 | 123.825 | 94706D/94118               | 1             | 192                                          | 265                | 1.6                | 3.2                | 0.47                           | 1.4            | 2.1            | 1.4            | 36.3                           |
|                                    | 298.45  | 158.75  | 158.75  | 94704D/94118               | 1             | 201                                          | 255                | 1.6                | 3.2                | 0.47                           | 1.44           | 2.15           | 1.41           | 44.5                           |
|                                    | 304.8   | 114.3   | 109.438 | EE280700D/281200           | 1             | 207.2                                        | 271.3              | 1.6                | 3.2                | 0.36                           | 1.87           | 2.79           | 1.83           | 33.1                           |
|                                    |         |         |         |                            |               |                                              |                    |                    |                    |                                |                |                |                |                                |
|                                    |         |         |         |                            |               |                                              |                    |                    |                    |                                |                |                |                |                                |
|                                    |         |         |         |                            |               |                                              |                    |                    |                    |                                |                |                |                |                                |
| 180.975                            | 288.925 | 158.75  | 158.75  | HM237549TD/HM237510        | 2             | 200.9                                        | 260.1              | 1.6                | 3.2                | 0.32                           | 2.12           | 3.15           | 2.07           | 35.9                           |
|                                    | 288.925 | 158.75  | 158.75  | 94713TD/94113              | 2             | 201                                          | 255                | 1.6                | 3.2                | 0.47                           | 1.44           | 2.15           | 1.41           | 38                             |
|                                    | 298.45  | 158.75  | 158.75  | 94713TD/94118              | 2             | 201                                          | 255                | 1.6                | 3.2                | 0.47                           | 1.44           | 2.1            | 1.41           | 43.4                           |
| 187.325                            | 269.875 | 101.6   | 101.6   | M238849D/M238810           | 1             | 206.4                                        | 245.5              | 1.6                | 3.2                | 0.33                           | 2.03           | 3.02           | 1.98           | 19                             |
|                                    | 319.964 | 161.925 | 168.276 | H239649D/H239610           | 1             | 209                                          | 293                | 3.2                | 4.8                | 0.32                           | 2.12           | 3.15           | 2.07           | 53.7                           |
|                                    | 319.964 | 161.925 | 168.275 | EE222074D/222126           | 1             | 211.9                                        | 280.4              | 3.2                | 4.8                | 0.4                            | 1.68           | 2.5            | 1.64           | 53.8                           |
|                                    |         |         |         |                            |               |                                              |                    |                    |                    |                                |                |                |                |                                |
|                                    | 320.675 | 161.925 | 168.275 | H239649D/H239612           | 1             | 204                                          | 292                | 3.2                | 4.8                | 0.32                           | 2.1            | 3.2            | 2.1            | 51.2                           |
|                                    | 320.675 | 161.925 | 168.275 | H239649D/H239612           | 1             | 211.3                                        | 286.3              | 3.2                | 4.8                | 0.32                           | 2.12           | 3.15           | 2.07           | 51.9                           |
|                                    | 320.675 | 161.925 | 168.275 | EE222074D/222128           | 1             | 211.9                                        | 280.4              | 3.2                | 4.8                | 0.4                            | 1.68           | 2.5            | 1.64           | 54.3                           |
| 190.5                              | 317.5   | 133.35  | 133.35  | 93751D/93125               | 1             | 216                                          | 288                | 6.4                | 3.2                | 0.52                           | 1.3            | 1.9            | 1.3            | 43                             |
|                                    | 317.5   | 133.35  | 142.875 | 93751D/93126               | 1             | 222.9                                        | 276.8              | 6.4                | 3.2                | 0.52                           | 1.29           | 1.92           | 1.26           | 45                             |
|                                    | 365.049 | 152.4   | 158.75  | EE420750D/421437           | 1             | 221                                          | 329                | 3.2                | 3.2                | 0.4                            | 1.68           | 2.5            | 1.64           | 72.8                           |
|                                    |         |         |         |                            |               |                                              |                    |                    |                    |                                |                |                |                |                                |
|                                    | 365.049 | 152.4   | 158.75  | EE420750TD/421437          | 2             | 238.7                                        | 317                | 3.2                | 3.2                | 0.4                            | 1.68           | 2.5            | 1.64           | 77.2                           |
|                                    | 368.3   | 152.4   | 158.75  | EE420750D/421450           | 1             | 238.7                                        | 317                | 3.2                | 3.2                | 0.4                            | 1.68           | 2.5            | 1.64           | 79.4                           |
|                                    | 368.3   | 152.4   | 158.75  | EE420750TD/421450          | 2             | 238.7                                        | 317                | 3.2                | 3.2                | 0.4                            | 1.68           | 2.5            | 1.64           | 79.4                           |
| 198.438                            | 279.4   | 87.313  | 87.313  | 67980TD/67919              | 2             | 219.1                                        | 259.1              | 0.8                | 3.2                | 0.51                           | 1.33           | 1.97           | 1.3            | 16.9                           |
|                                    | 282.575 | 87.313  | 87.313  | 67980TD/67920              | 2             | 219.1                                        | 259.1              | 0.8                | 3.2                | 0.51                           | 1.33           | 1.97           | 1.3            | 17.8                           |
| 199.975                            | 317.5   | 133.35  | 133.35  | 93788D/93125               | 1             | 221                                          | 288                | 6.4                | 3.2                | 0.52                           | 1.3            | 1.9            | 1.3            | 40                             |
|                                    | 317.5   | 133.35  | 142.875 | 93788D/93126               | 1             | 222.9                                        | 276.8              | 6.4                | 3.2                | 0.52                           | 1.29           | 1.92           | 1.26           | 42                             |
| 203.2                              | 317.5   | 95.25   | 95.25   | EE132081D/132125           | 1             | 235.4                                        | 285                | 3.2                | 3.2                | 0.31                           | 2.15           | 3.21           | 2.11           | 28                             |
|                                    | 317.5   | 123.825 | 123.825 | 93800D/93125               | 1             | 222                                          | 286                | 1.6                | 3.2                | 0.52                           | 1.29           | 1.92           | 1.26           | 36.3                           |

Double-row Taper Roller Bearing with Double Outer Ring  
(Inch Series)

WSW

| 基 本 尺 寸(mm)<br>Boundary Dimensions |         |         |         | 轴 承 型 号<br>Bearing Numbers | 结 构<br>Design | 相关安装尺寸(mm)<br>Abutment and Fillet Dimensions |        |        |        | 计 算 系 数<br>Calculation Factors |      |      |      | 质量(mm)<br>Mass<br>参考<br>Refer. |
|------------------------------------|---------|---------|---------|----------------------------|---------------|----------------------------------------------|--------|--------|--------|--------------------------------|------|------|------|--------------------------------|
| d                                  | D       | T       | B       |                            |               | da min                                       | Db max | fb max | fa max | e                              | Y1   | Y2   | Y0   |                                |
| 203.2                              | 317.5   | 133.35  | 133.35  | 93801D/93125               | 1             | 222                                          | 288    | 6.4    | 3.2    | 0.52                           | 1.3  | 1.9  | 1.3  | 39.1                           |
|                                    | 317.5   | 133.35  | 142.875 | 93801D/93126               | 1             | 222.9                                        | 276.8  | 6.4    | 3.2    | 0.52                           | 1.29 | 1.92 | 1.26 | 41                             |
|                                    | 319.088 | 95.25   | 95.25   | EE132081D/132127           | 1             | 235.4                                        | 285    | 3.2    | 3.2    | 0.31                           | 2.15 | 3.21 | 2.11 | 28.6                           |
|                                    | 365.049 | 152.4   | 158.75  | EE420800D/421437           | 1             | 229                                          | 332    | 3.2    | 3.2    | 0.42                           | 1.6  | 2.4  | 1.6  | 68.5                           |
|                                    | 365.049 | 158.75  | 158.75  | EE420801D/421437           | 1             | 237.5                                        | 317    | 3.2    | 3.2    | 0.4                            | 1.68 | 2.5  | 1.64 | 73.1                           |
|                                    | 368.3   | 152.4   | 158.75  | EE420800D/421450           | 1             | 238.7                                        | 317    | 3.2    | 3.2    | 0.4                            | 1.68 | 2.5  | 1.64 | 74.8                           |
|                                    | 368.3   | 158.75  | 158.75  | EE420801D/421450           | 1             | 237.5                                        | 317    | 3.2    | 3.2    | 0.4                            | 1.68 | 2.5  | 1.64 | 75.4                           |
|                                    | 279.4   | 87.313  | 87.313  | 67985D/67919               | 1             | 219.1                                        | 259.1  | 0.8    | 3.2    | 0.1                            | 1.33 | 1.97 | 1.3  | 15.2                           |
|                                    | 282.575 | 87.313  | 87.313  | 67985D/67920               | 1             | 216                                          | 261    | 0.8    | 3.3    | 0.51                           | 1.3  | 2    | 1.3  | 16.8                           |
|                                    | 336.55  | 184.15  | 180.975 | H242649D/242610            | 1             | 222                                          | 306    | 1.5    | 3.3    | 0.33                           | 2    | 3    | 2    | 64.2                           |
| 206.375                            | 336.55  | 184.15  | 180.975 | H242649TD/H242610          | 2             | 232.1                                        | 300.1  | 1.6    | 3.2    | 0.33                           | 2.03 | 3.02 | 1.98 | 65.1                           |
|                                    | 317.5   | 184.15  | 184.15  | 93826TD/93125              | 2             | 222.9                                        | 278.4  | 1.6    | 3.2    | 0.52                           | 1.29 | 1.92 | 1.26 | 48.3                           |
|                                    | 317.5   | 184.15  | 193.675 | 93826TD/93126              | 2             | 222.9                                        | 276.8  | 1.6    | 3.2    | 0.52                           | 1.29 | 1.92 | 1.26 | 50.2                           |
| 209.55                             | 400.05  | 212.725 | 158.75  | EE430829TD/431575          | 2             | 250                                          | 344.6  | 3.2    | 3.2    | 0.44                           | 1.54 | 2.29 | 1.5  | 98.7                           |
|                                    | 285.75  | 92.075  | 85.725  | LM742746TD/LM742710        | 2             | 226.2                                        | 265.2  | 1.6    | 3.2    | 0.48                           | 1.4  | 2.09 | 1.37 | 15.3                           |
| 214.975                            | 288.925 | 92.075  | 85.725  | LM742746TD/LM742714        | 2             | 226.2                                        | 265.2  | 1.6    | 3.2    | 0.48                           | 1.4  | 2.09 | 1.37 | 16.3                           |
|                                    | 285.75  | 85.725  | 85.725  | LM742749D/LM742710         | 1             | 229                                          | 266    | 0.8    | 3.2    | 0.48                           | 1.4  | 2.09 | 1.37 | 14.8                           |
| 215.9                              | 288.925 | 85.75   | 85.725  | LM742749D/LM742714         | 1             | 228                                          | 265.2  | 0.8    | 3.2    | 0.48                           | 1.4  | 2.09 | 1.37 | 15.8                           |
|                                    | 355.6   | 120.65  | 120.65  | EE130850D/131400           | 1             | 260.5                                        | 319.2  | 1.6    | 1.6    | 0.33                           | 2.04 | 3.04 | 2    | 50                             |
|                                    | 330.02  | 142.875 | 152.4   | 9977D/9920                 | 1             | 232                                          | 301    | 3.2    | 3.2    | 0.55                           | 1.2  | 1.8  | 1.2  | 43.2                           |
| 216.103                            | 330.2   | 127     | 130.175 | 9974D/9920                 | 1             | 236.8                                        | 300.7  | 1.6    | 3.2    | 0.55                           | 1.22 | 1.82 | 1.19 | 38.8                           |
|                                    | 358.775 | 200.025 | 196.85  | H244849D/H244810           | 1             | 236                                          | 323    | 1.6    | 6.4    | 0.33                           | 2    | 3    | 2    | 77.8                           |
| 219.075                            | 358.775 | 200.025 | 196.85  | H244848TD/H244810          | 2             | 244.3                                        | 319.4  | 1.6    | 6.4    | 0.33                           | 2.03 | 3.02 | 1.98 | 80.9                           |
|                                    | 314.325 | 123.822 | 115.888 | M244246TD/M244210          | 2             | 238.9                                        | 288.1  | 1.6    | 3.2    | 0.33                           | 2.03 | 3.02 | 1.98 | 29.6                           |
| 219.936                            | 314.325 | 115.888 | 115.888 | M244249D/M244210           | 1             | 233                                          | 292    | 1.6    | 3.2    | 0.33                           | 2    | 3    | 2    | 29.6                           |

Double-row Taper Roller Bearing with Double Outer Ring  
(Inch Series)

WSW

| 基 本 尺 寸(mm)<br>Boundary Dimensions |         |         |        | 轴 承 型 号<br><br>Bearing Numbers | 结 构<br><br>Design | 相关安装尺寸(mm)<br>Abutment and Fillet Dimensions |                    |                    |                    | 计 算 系 数<br>Calculation Factors |                |                |                | 质量(mm)<br>Mass<br>参考<br>Refer. |
|------------------------------------|---------|---------|--------|--------------------------------|-------------------|----------------------------------------------|--------------------|--------------------|--------------------|--------------------------------|----------------|----------------|----------------|--------------------------------|
| d                                  | D       | T       | B      |                                |                   | d <sub>a</sub> min                           | D <sub>b</sub> max | r <sub>b</sub> max | Γ <sub>a</sub> max | e                              | Y <sub>1</sub> | Y <sub>2</sub> | Y <sub>0</sub> |                                |
| 225.425                            | 355.6   | 120.65  | 120.65 | EE130887D/131400               | 1                 | 260.5                                        | 319.2              | 5.6                | 1.6                | 0.33                           | 2.04           | 3.04           | 2              | 46.8                           |
|                                    | 355.6   | 165.1   | 165.1  | EE130888D/131400               | 1                 | 251                                          | 329                | 8                  | 1.5                | 0.33                           | 2              | 3              | 2              | 57.7                           |
| 228.6                              | 327.025 | 93.663  | 93.663 | 8573TD/8520                    | 2                 | 255.5                                        | 299.9              | 1.6                | 3.2                | 0.41                           | 1.66           | 2.47           | 1.62           | 25.9                           |
|                                    | 328.625 | 93.663  | 93.663 | 8573TD/8522                    | 2                 | 255.5                                        | 299.9              | 1.6                | 3.2                | 0.41                           | 1.66           | 2.47           | 1.62           | 26.5                           |
|                                    | 355.6   | 120.65  | 120.65 | EE130900D/131400               | 1                 | 260.5                                        | 319.2              | 1.6                | 1.6                | 0.33                           | 2.04           | 3.04           | 2              | 45.8                           |
|                                    | 355.6   | 120.65  | 120.65 | EE130901D/131400               | 1                 | 260.5                                        | 319.2              | 5.6                | 1.6                | 0.33                           | 2.04           | 3.04           | 2              | 45.8                           |
|                                    | 355.6   | 165.1   | 165.1  | EE130903D/131400               | 1                 | 253                                          | 329                | 8                  | 1.5                | 0.33                           | 2              | 3              | 2              | 56.7                           |
|                                    | 400.05  | 139.7   | 139.7  | EE529091D/529157               | 1                 | 256                                          | 367                | 3.2                | 3.2                | 0.31                           | 2.18           | 3.24           | 2.13           | 74.2                           |
|                                    | 400.05  | 161.925 | 158.75 | EE430901D/431575               | 1                 | 261.5                                        | 344.6              | 3.2                | 3.2                | 0.44                           | 1.54           | 2.29           | 1.5            | 84.5                           |
|                                    | 425.45  | 165.1   | 177.8  | EE700090D/700167               | 1                 | 259                                          | 384                | 3                  | 6.4                | 0.33                           | 2              | 3              | 2              | 110                            |
|                                    | 327.025 | 93.663  | 93.663 | 8576D/8520                     | 1                 | 248                                          | 304                | 1.6                | 3.2                | 0.41                           | 1.7            | 2.5            | 1.6            | 24.4                           |
|                                    | 328.625 | 93.663  | 93.663 | 8576D/8522                     | 1                 | 255.5                                        | 299.9              | 1.6                | 3.2                | 0.41                           | 1.66           | 2.47           | 1.62           | 24.8                           |
| 234.95                             | 355.6   | 165.1   | 158.75 | EE130926TD/131400              | 2                 | 259.4                                        | 319.2              | 1.6                | 1.6                | 0.33                           | 2.04           | 3.04           | 2              | 54.2                           |
|                                    | 355.6   | 184.15  | 184.15 | EE130927TD/131400              | 2                 | 260.5                                        | 319.2              | 1.6                | 1.6                | 0.33                           | 2.04           | 3.04           | 2              | 60.4                           |
|                                    | 384.175 | 209.55  | 209.55 | H247549D/H247510               | 1                 | 251                                          | 344                | 1.6                | 6.4                | 0.33                           | 2              | 3              | 2              | 95.8                           |
|                                    | 349.148 | 107.95  | 107.95 | EE127094D/127135               | 1                 | 267.2                                        | 319.1              | 1.6                | 3.2                | 0.35                           | 1.91           | 2.84           | 1.86           | 34                             |
|                                    | 350.838 | 107.95  | 107.95 | EE127094D/127137               | 1                 | 267.2                                        | 319.1              | 1.6                | 3.2                | 0.35                           | 1.91           | 2.84           | 1.86           | 34.8                           |
|                                    | 355.498 | 107.95  | 107.95 | EE127094D/127138               | 1                 | 267.2                                        | 319.1              | 1.6                | 3.2                | 0.35                           | 1.91           | 2.84           | 1.86           | 36.9                           |
|                                    | 355.6   | 107.95  | 107.95 | EE127094D/127140               | 1                 | 257                                          | 328                | 1.6                | 3.2                | 0.35                           | 1.9            | 2.8            | 1.9            | 36.9                           |
|                                    | 355.6   | 92.862  | 92.71  | EE170951D/171400               | 1                 | 277.7                                        | 327.8              | 1.6                | 3.2                | 0.36                           | 1.86           | 2.77           | 1.82           | 32.6                           |
|                                    | 365.049 | 92.862  | 92.71  | EE170951D/171436               | 1                 | 277.7                                        | 327.8              | 1.6                | 3.2                | 0.36                           | 1.86           | 2.77           | 1.82           | 36.5                           |
|                                    | 368.3   | 92.862  | 92.71  | EE170951D/171450               | 1                 | 277.7                                        | 327.8              | 1.6                | 3.2                | 0.36                           | 1.86           | 2.77           | 1.82           | 37.8                           |
| 241.478                            | 349.148 | 107.95  | 107.95 | EE127097D/127135               | 1                 | 257                                          | 325                | 1.6                | 3.2                | 0.35                           | 1.9            | 2.8            | 1.9            | 33.8                           |
|                                    | 350.838 | 107.95  | 107.95 | EE127097D/127137               | 1                 | 267.2                                        | 319.1              | 1.6                | 3.2                | 0.35                           | 1.91           | 2.84           | 1.86           | 34.7                           |
|                                    | 355.498 | 107.95  | 107.95 | EE127097D/127138               | 1                 | 267.2                                        | 319.1              | 1.6                | 3.2                | 0.35                           | 1.91           | 2.84           | 1.86           | 36.9                           |
|                                    | 355.6   | 107.95  | 107.95 | EE127097D/127140               | 1                 | 267.2                                        | 319.1              | 1.6                | 3.2                | 0.35                           | 1.91           | 2.84           | 1.86           | 36.9                           |
|                                    |         |         |        |                                |                   |                                              |                    |                    |                    |                                |                |                |                |                                |
| 244.475                            | 327.025 | 92.075  | 92.075 | LM247748D/LM247710             | 1                 | 256                                          | 306                | 1.6                | 3.2                | 0.49                           | 1.4            | 2.1            | 1.4            | 21.6                           |
|                                    | 381     | 146.05  | 146.05 | EE126096D/126150               | 1                 | 269                                          | 343                | 3.2                | 4.8                | 0.52                           | 1.31           | 1.95           | 1.28           | 61.4                           |

Double-row Taper Roller Bearing with Double Outer Ring  
(Inch Series)

WSW

| 基 本 尺 寸(mm)<br>Boundary Dimensions |         |         |         | 轴 承 型 号<br><br>Bearing Numbers | 结 构<br><br>Design | 相关安装尺寸(mm)<br>Abutment and Fillet Dimensions |        |        |        | 计 算 系 数<br>Calculation Factors |      |      |      | 质量(mm)<br>Mass<br>参考<br>Refer. |
|------------------------------------|---------|---------|---------|--------------------------------|-------------------|----------------------------------------------|--------|--------|--------|--------------------------------|------|------|------|--------------------------------|
| d                                  | D       | T       | B       |                                |                   | da min                                       | Db max | fb max | fa max | e                              | Y1   | Y2   | Y0   |                                |
| 247.65                             | 400.05  | 114.3   | 119.06  | EE220975D/221575               | 1                 | 291.8                                        | 359.1  | 1.6    | 6.4    | 0.39                           | 1.71 | 2.54 | 1.67 | 56.4                           |
|                                    | 400.05  | 192.088 | 196.848 | EE220977TD/221575              | 2                 | 291.8                                        | 359.1  | 3.2    | 6.4    | 0.39                           | 1.71 | 2.54 | 1.67 | 86.1                           |
|                                    | 406.4   | 219.075 | 215.9   | HH249949D/HH249910             | 1                 | 268                                          | 366    | 3.2    | 6.4    | 0.33                           | 2    | 3    | 2    | 115                            |
| 250.825                            | 422.275 | 139.7   | 152.4   | HM252340D/HM252310             | 1                 | 305.3                                        | 384.3  | 3.6    | 3.2    | 0.33                           | 2.03 | 3.02 | 1.98 | 83                             |
|                                    | 431.724 | 139.7   | 145.258 | HM252340D/HM252315             | 1                 | 305.3                                        | 384.5  | 3.6    | 3.6    | 0.33                           | 2.03 | 3.02 | 1.98 | 88.5                           |
| 252.413                            | 358.775 | 139.7   | 130.175 | M249746TD/M249710              | 2                 | 274.8                                        | 330.1  | 1.6    | 3.2    | 0.33                           | 2.03 | 3.02 | 1.98 | 43.5                           |
| 254                                | 355.6   | 92.862  | 92.71   | EE171000D/171400               | 1                 | 266                                          | 331    | 1.6    | 3.2    | 0.36                           | 1.9  | 2.8  | 1.8  | 27.1                           |
|                                    | 358.775 | 130.175 | 130.175 | M249748D/M249710               | 1                 | 269                                          | 335    | 3.2    | 3.2    | 0.33                           | 2    | 3    | 2    | 42                             |
|                                    | 365.049 | 92.862  | 92.71   | EE171000D/171436               | 1                 | 277.7                                        | 327.8  | 1.6    | 3.2    | 0.36                           | 1.86 | 2.77 | 1.82 | 32.9                           |
|                                    | 368.3   | 92.862  | 92.71   | EE171000D/171450               | 1                 | 269                                          | 340    | 1.6    | 3.2    | 0.36                           | 1.85 | 2.76 | 1.81 | 32.5                           |
|                                    | 422.275 | 139.7   | 152.4   | HM252343D/HM252310             | 1                 | 305.3                                        | 384.3  | 3.6    | 3.2    | 0.33                           | 2.03 | 3.02 | 1.98 | 81.6                           |
|                                    | 422.275 | 139.7   | 152.4   | HM252344D/HM252310             | 1                 | 305.3                                        | 384.3  | 3.6    | 3.2    | 0.33                           | 2.03 | 3.02 | 1.98 | 81.6                           |
|                                    | 422.275 | 152.4   | 152.4   | HM252342D/HM252310             | 1                 | 303                                          | 384.3  | 6.7    | 3.2    | 0.33                           | 2.03 | 3.02 | 1.98 | 83.7                           |
|                                    | 431.724 | 139.7   | 145.258 | HM252343D/HM252315             | 1                 | 305.3                                        | 384.5  | 3.6    | 3.6    | 0.33                           | 2.03 | 3.02 | 1.98 | 87.1                           |
|                                    | 431.724 | 152.4   | 145.258 | HM252342D/HM252315             | 1                 | 303                                          | 384.5  | 6.7    | 3.6    | 0.33                           | 2.03 | 3.02 | 1.98 | 89.2                           |
|                                    | 438.15  | 165.1   | 165.1   | 738101D/738172                 | 1                 | 283                                          | 400    | 3.2    | 6.4    | 0.36                           | 1.9  | 2.8  | 1.8  | 107                            |
|                                    | 444.5   | 133.35  | 133.35  | EE82101D/822175                | 1                 | 283                                          | 400    | 3.2    | 6.4    | 0.36                           | 1.9  | 2.8  | 1.8  | 107                            |
|                                    | 365.125 | 107.95  | 107.95  | EE134102D/134143               | 1                 | 277                                          | 339    | 3.3    | 6.4    | 0.37                           | 1.8  | 2.7  | 1.8  | 34.4                           |
|                                    | 368.3   | 107.95  | 107.95  | EE134102D/134145               | 1                 | 282.9                                        | 334.7  | 3.2    | 6.4    | 0.37                           | 1.8  | 2.69 | 1.76 | 35.9                           |
|                                    | 400.05  | 114.3   | 119.06  | EE221025D/221575               | 1                 | 290                                          | 366    | 6.4    | 6.4    | 0.39                           | 1.71 | 2.54 | 1.67 | 52                             |
|                                    | 422.275 | 139.7   | 152.4   | HM252347D/HM252310             | 1                 | 305.3                                        | 384.3  | 3.6    | 3.2    | 0.33                           | 2.03 | 3.02 | 1.98 | 78.8                           |
|                                    | 422.275 | 152.4   | 155.575 | HM252348D/HM252310             | 1                 | 303.6                                        | 384.3  | 6.4    | 3.2    | 0.33                           | 2.03 | 3.02 | 1.98 | 81.5                           |
|                                    | 422.275 | 152.4   | 155.575 | HM252349D/HM252310             | 1                 | 303.6                                        | 384.3  | 6.4    | 3.2    | 0.33                           | 2.03 | 3.02 | 1.98 | 81.5                           |
| 260.35                             | 422.275 | 180.975 | 152.4   | HM252348DD/HM252310            | 1                 | 298                                          | 384.3  | 9.5    | 3.2    | 0.33                           | 2.03 | 3.02 | 1.98 | 84.5                           |
|                                    | 431.724 | 139.7   | 145.258 | HM252347D/HM252315             | 1                 | 305.3                                        | 384.5  | 3.6    | 3.6    | 0.33                           | 2.03 | 3.02 | 1.98 | 84.3                           |
|                                    | 431.724 | 152.4   | 148.433 | HM252349D/HM252315             | 1                 | 303.6                                        | 384.5  | 6.4    | 3.6    | 0.33                           | 2.03 | 3.02 | 1.98 | 87.1                           |
|                                    | 431.724 | 180.975 | 145.258 | HM252348D/HM252315             | 1                 | 298                                          | 384.5  | 9.5    | 3.6    | 0.33                           | 2.03 | 3.02 | 1.98 | 90                             |
|                                    |         |         |         |                                |                   |                                              |        |        |        |                                |      |      |      |                                |
|                                    |         |         |         |                                |                   |                                              |        |        |        |                                |      |      |      |                                |

Double-row Taper Roller Bearing with Double Outer Ring  
(Inch Series)

WSW

| 基 本 尺 寸(mm)<br>Boundary Dimensions |         |         |         | 轴 承 型 号<br>Bearing Numbers | 结 构<br>Design | 相关安装尺寸(mm)<br>Abutment and Fillet Dimensions |                    |                    |                    | 计 算 系 数<br>Calculation Factors |                |                |                | 质量(mm)<br>Mass<br>参考<br>Refer. |
|------------------------------------|---------|---------|---------|----------------------------|---------------|----------------------------------------------|--------------------|--------------------|--------------------|--------------------------------|----------------|----------------|----------------|--------------------------------|
| d                                  | D       | T       | B       |                            |               | d <sub>a min</sub>                           | D <sub>b max</sub> | r <sub>b max</sub> | Γ <sub>a max</sub> | e                              | Y <sub>1</sub> | Y <sub>2</sub> | Y <sub>0</sub> |                                |
| 260.35                             | 444.5   | 196.85  | 196.85  | 823103D/823175             | 1             | 292.8                                        | 396.6              | 6.4                | 3.2                | 0.55                           | 1.24           | 1.84           | 1.21           | 125                            |
| 263.525                            | 400.05  | 196.848 | 192.088 | EE221039TD/221575          | 2             | 291.8                                        | 359.1              | 1.6                | 6                  | 0.39                           | 1.71           | 2.54           | 1.67           | 76.7                           |
| 264.98                             | 381     | 146.05  | 136.525 | M252345TD/M252310          | 2             | 289.1                                        | 350.8              | 3.2                | 3.2                | 0.33                           | 2.03           | 3.02           | 1.98           | 51.4                           |
| 266.7                              | 355.6   | 109.538 | 107.95  | LM451349D/LM451310         | 2             | 281                                          | 335                | 1.6                | 3.2                | 0.36                           | 1.87           | 2.79           | 1.83           | 29.9                           |
|                                    | 355.6   | 109.538 | 107.95  | LM451349TD/LM451310        | 1             | 284.1                                        | 332                | 1.6                | 3.2                | 0.36                           | 1.87           | 2.79           | 1.83           | 29.5                           |
|                                    | 357.2   | 109.538 | 107.95  | LM451349D/LM451312         | 1             | 284.1                                        | 332                | 1.6                | 3.2                | 0.36                           | 1.87           | 2.79           | 1.83           | 30.2                           |
|                                    | 357.2   | 109.538 | 107.95  | LM451349TD/LM451312        | 2             | 284.1                                        | 332                | 1.6                | 3.2                | 0.36                           | 1.87           | 2.79           | 1.83           | 30.2                           |
|                                    | 393.7   | 130.175 | 130.175 | EE275106D/275155           | 1             | 309                                          | 364.4              | 3.2                | 6.4                | 0.4                            | 1.68           | 2.5            | 1.64           | 55.3                           |
|                                    | 403.225 | 130.175 | 122.24  | EE275106D/275158           | 1             | 309                                          | 365.4              | 3.2                | 6.4                | 0.4                            | 1.68           | 2.5            | 1.64           | 59.4                           |
|                                    | 406.4   | 130.175 | 122.24  | EE275106D/275160           | 1             | 309                                          | 365.4              | 3.2                | 6.4                | 0.4                            | 1.68           | 2.5            | 1.64           | 61.3                           |
|                                    | 381     | 136.525 | 136.525 | M252349D/M252310           | 1             | 287                                          | 356                | 3.2                | 3.2                | 0.33                           | 2              | 3              | 2              | 48.6                           |
|                                    | 381     | 136.525 | 136.525 | M252349TD/M252310          | 2             | 290.9                                        | 350.8              | 1.6                | 3.2                | 0.33                           | 2.03           | 3.02           | 1.98           | 48.5                           |
| 276.225                            | 393.7   | 130.175 | 130.175 | EE275109D/275155           | 1             | 294                                          | 366                | 1.6                | 6.4                | 0.4                            | 1.68           | 2.5            | 1.64           | 50.5                           |
|                                    | 403.225 | 130.175 | 122.24  | EE275109D/275158           | 1             | 309                                          | 365.4              | 1.6                | 6.4                | 0.4                            | 1.68           | 2.5            | 1.64           | 55.3                           |
|                                    | 406.4   | 130.175 | 122.24  | EE275109D/275160           | 1             | 309                                          | 365.4              | 1.6                | 6.4                | 0.4                            | 1.68           | 2.5            | 1.64           | 57.2                           |
| 279.4                              | 393.7   | 127     | 127     | EE135111D/135155           | 1             | 297                                          | 368                | 1.6                | 6.4                | 0.4                            | 1.68           | 2.5            | 1.64           | 48.1                           |
|                                    | 457.2   | 244.475 | 244.475 | HH255149D/HH255110         | 1             | 309                                          | 412                | 1.6                | 6.4                | 0.33                           | 2.03           | 3.02           | 1.98           | 158                            |
|                                    | 469.9   | 166.688 | 169.862 | EE722111D/722185           | 1             | 313                                          | 431                | 6.4                | 3.3                | 0.38                           | 1.8            | 2.7            | 1.7            | 119                            |
|                                    | 469.9   | 184.15  | 169.863 | EE722112D/722185           | 1             | 324.9                                        | 412.5              | 9.5                | 3.2                | 0.38                           | 1.79           | 2.67           | 1.75           | 123                            |
|                                    | 495.3   | 134.938 | 137.952 | EE941106D/941950           | 1             | 349.3                                        | 440.5              | 1.6                | 3.2                | 0.4                            | 1.68           | 2.5            | 1.64           | 114                            |
| 279.578                            | 380.898 | 117.475 | 117.475 | LM654645D/LM654610         | 1             | 296                                          | 355                | 1.6                | 3.2                | 0.43                           | 1.6            | 2.3            | 1.5            | 41                             |
| 280                                | 406.4   | 206.375 | 206.375 | EE128113TD/128160          | 2             | 307.1                                        | 368.9              | 3.2                | 3.2                | 0.39                           | 1.75           | 2.61           | 1.71           | 85.1                           |
|                                    | 406.4   | 206.375 | 206.375 | EE128113D/128160           | 1             | 307.1                                        | 368.9              | 3.2                | 3.2                | 0.39                           | 1.75           | 2.61           | 1.71           | 81.4                           |
|                                    | 406.4   | 206.375 | 206.375 | EE128114D/128160           | 1             | 307.1                                        | 368.9              | 3.2                | 3.2                | 0.39                           | 1.75           | 2.61           | 1.71           | 81.4                           |
|                                    | 409.981 | 206.375 | 206.375 | EE128113TD/128161          | 2             | 307.1                                        | 368.9              | 3.2                | 3.2                | 0.39                           | 1.75           | 2.61           | 1.71           | 81.4                           |

Double-row Taper Roller Bearing with Double Outer Ring  
(Inch Series)

WSW

| 基 本 尺 寸(mm)<br>Boundary Dimensions |         |         |         | 轴 承 型 号<br>Bearing Numbers | 结构<br>Design | 相关安装尺寸(mm)<br>Abutment and Fillet Dimensions |                    |                    |                    | 计 算 系 数<br>Calculation Factors |                |                |                | 质量(mm)<br>Mass<br>参考<br>Refer. |
|------------------------------------|---------|---------|---------|----------------------------|--------------|----------------------------------------------|--------------------|--------------------|--------------------|--------------------------------|----------------|----------------|----------------|--------------------------------|
| d                                  | D       | T       | B       |                            |              | d <sub>a</sub> min                           | D <sub>b</sub> max | r <sub>b</sub> max | Γ <sub>a</sub> max | e                              | Y <sub>1</sub> | Y <sub>2</sub> | Y <sub>0</sub> |                                |
| 280                                | 409.981 | 206.375 | 206.375 | EE128113D/128161           | 1            | 307.1                                        | 368.9              | 3.2                | 3.2                | 0.39                           | 1.75           | 2.61           | 1.71           | 85.1                           |
|                                    | 409.981 | 206.375 | 206.375 | EE128114D/128161           | 1            | 307.1                                        | 368.9              | 3.2                | 3.2                | 0.39                           | 1.75           | 2.61           | 1.71           | 85.1                           |
| 285.75                             | 380.898 | 117.475 | 117.475 | LM654648D/LM654610         | 1            | 300                                          | 355                | 1.6                | 3.2                | 0.43                           | 1.6            | 2.3            | 1.5            | 38.5                           |
|                                    | 469.9   | 142.875 | 138.928 | EE921126D/921850           | 1            | 333.5                                        | 429                | 1.6                | 3.2                | 0.29                           | 2.31           | 3.44           | 2.26           | 97.5                           |
|                                    | 476.25  | 142.875 | 138.928 | EE921126D/921875           | 1            | 333.5                                        | 429                | 1.6                | 3.2                | 0.29                           | 2.31           | 3.44           | 2.26           | 103                            |
| 288.925                            | 406.4   | 144.463 | 144.463 | M255449D/M255410           | 1            | 310                                          | 379                | 3.2                | 3.2                | 0.34                           | 2              | 2.98           | 1.96           | 58.1                           |
|                                    | 406.4   | 144.463 | 144.463 | M255449TD/M255410          | 2            | 315.6                                        | 373.9              | 3.2                | 3.2                | 0.34                           | 2              | 2.97           | 1.95           | 61.4                           |
| 292.1                              | 422.275 | 130.175 | 130.175 | EE330116D/330166           | 1            | 321                                          | 387.9              | 6.4                | 3.2                | 0.32                           | 2.11           | 3.14           | 2.06           | 59.9                           |
|                                    | 558.8   | 285.75  | 285.75  | EE790117D/790221           | 1            | 359.8                                        | 487.9              | 3.2                | 6.4                | 0.4                            | 1.71           | 2.54           | 1.67           | 318                            |
| 295.275                            | 406.4   | 203.2   | 203.2   | LM757043TD/LM757010        | 2            | 319.5                                        | 376.1              | 1.6                | 3.2                | 0.44                           | 1.53           | 2.28           | 1.49           | 69.4                           |
| 297.523                            | 422.275 | 160.338 | 150.813 | HM256846TD/HM256810        | 2            | 322.1                                        | 388.3              | 3.2                | 3.2                | 0.34                           | 2              | 2.98           | 1.96           | 68.5                           |
| 298.45                             | 438.048 | 131.763 | 131.763 | EE329118D/329172           | 1            | 336.6                                        | 399.7              | 3.2                | 3.2                | 0.33                           | 2.04           | 3.04           | 2              | 68.9                           |
|                                    | 444.5   | 107.95  | 111.125 | EE291176D/291749           | 1            | 344                                          | 403.5              | 7.9                | 3.2                | 0.38                           | 1.79           | 2.66           | 1.75           | 61.1                           |
|                                    | 444.5   | 107.95  | 111.125 | EE291176D/291750           | 1            | 344                                          | 403.5              | 7.9                | 1.6                | 0.38                           | 1.79           | 2.66           | 1.75           | 61.2                           |
| 299.974                            | 438.048 | 134.938 | 133.35  | EE129119D/129172           | 1            | 338.1                                        | 400.5              | 3.2                | 4.8                | 0.4                            | 1.68           | 2.5            | 1.64           | 68.7                           |
| 300.038                            | 422.275 | 150.812 | 150.812 | HM256849D/HM256810         | 1            | 318                                          | 395                | 3.2                | 3.2                | 0.34                           | 2              | 3              | 2              | 66.7                           |
|                                    | 422.275 | 150.812 | 150.812 | HM256849DA/HM256810        | 1            | 318                                          | 395                | 6.4                | 3.2                | 0.34                           | 2              | 3              | 2              | 66.7                           |
| 303.213                            | 495.3   | 263.525 | 263.525 | HH2568249D/HH2568210       | 1            | 341.5                                        | 441.7              | 3.2                | 6.4                | 0.33                           | 2              | 3              | 2              | 212                            |
|                                    | 495.3   | 263.525 | 263.525 | HH258249TD/HH258210        | 2            | 341.5                                        | 441.7              | 3.2                | 6.4                | 0.33                           | 2.03           | 3.02           | 1.98           | 207                            |
| 304.648                            | 438.048 | 128.588 | 138.113 | M757447D/M757410           | 1            | 332.3                                        | 403.8              | 3.2                | 4.8                | 0.47                           | 1.44           | 2.15           | 1.41           | 64.8                           |
|                                    | 438.048 | 131.762 | 131.762 | EE329117D/329172           | 1            | 324                                          | 408                | 3.2                | 3.2                | 0.33                           | 2              | 3              | 2              | 66.3                           |
|                                    | 438.048 | 134.938 | 133.35  | EE129121D/129172           | 1            | 325                                          | 407                | 3.2                | 4.8                | 0.42                           | 1.6            | 2.4            | 1.6            | 65.6                           |
|                                    | 438.048 | 134.938 | 138.113 | M757447DE/M757410          | 1            | 330.6                                        | 403.8              | 3.2                | 4.8                | 0.47                           | 1.44           | 2.15           | 1.41           | 65.5                           |
| 304.8                              | 419.1   | 130.175 | 130.175 | M257149D/M257110           | 1            | 322                                          | 392                | 1.6                | 6.4                | 0.33                           | 2.03           | 3.02           | 1.98           | 53.1                           |
|                                    | 431.8   | 98.425  | 120.65  | EE111201D/111700           | 1            | 331.5                                        | 392.3              | 3.2                | 3.2                | 0.44                           | 1.54           | 2.29           | 1.5            | 51.8                           |

Double-row Taper Roller Bearing with Double Outer Ring  
(Inch Series)

WSW

| 基 本 尺 寸(mm)<br>Boundary Dimensions |         |         |         | 轴 承 型 号<br>Bearing Numbers | 结 构<br>Design | 相关安装尺寸(mm)<br>Abutment and Fillet Dimensions |                    |                    |                    | 计 算 系 数<br>Calculation Factors |                |                |                | 质量(mm)<br>Mass<br>参考<br>Refer. |
|------------------------------------|---------|---------|---------|----------------------------|---------------|----------------------------------------------|--------------------|--------------------|--------------------|--------------------------------|----------------|----------------|----------------|--------------------------------|
| d                                  | D       | T       | B       |                            |               | d <sub>a</sub> min                           | D <sub>b</sub> max | r <sub>b</sub> max | Γ <sub>a</sub> max | e                              | Y <sub>1</sub> | Y <sub>2</sub> | Y <sub>0</sub> |                                |
| 304.8                              | 438.15  | 98.425  | 120.65  | EE111201D/111725           | 1             | 331.5                                        | 392.3              | 3.2                | 3.2                | 0.44                           | 1.54           | 2.29           | 1.5            | 55.9                           |
|                                    | 444.5   | 107.95  | 111.125 | EE291200D/291749           | 1             | 337                                          | 416                | 7.9                | 3.2                | 0.38                           | 1.78           | 2.65           | 1.74           | 55.7                           |
|                                    | 495.3   | 134.938 | 137.952 | EE941206D/941950           | 1             | 329                                          | 455                | 1.5                | 3.2                | 0.4                            | 1.7            | 2.5            | 1.7            | 103                            |
|                                    | 495.3   | 165.1   | 171.45  | EE724121D/724195           | 1             | 354.5                                        | 438.7              | 3.2                | 6.4                | 0.4                            | 1.68           | 2.5            | 1.64           | 130                            |
|                                    | 558.8   | 285.75  | 285.75  | EE790119D/790221           | 1             | 341                                          | 506                | 3.2                | 6.4                | 0.39                           | 1.7            | 2.5            | 1.7            | 307                            |
|                                    |         |         |         |                            |               |                                              |                    |                    |                    |                                |                |                |                |                                |
| 304.902                            | 412.648 | 128.588 | 128.588 | M257248D/M257210           | 1             | 325                                          | 388                | 3.2                | 3.2                | 0.32                           | 2.12           | 3.15           | 2.07           | 49                             |
|                                    | 438.048 | 212.725 | 196.85  | EE129124D/129172           | 1             | 334.8                                        | 400.5              | 3.2                | 4.8                | 0.4                            | 1.68           | 2.5            | 1.64           | 93.5                           |
| 305                                | 438.048 | 134.145 | 138.112 | M757449D/M757410           | 1             | 328                                          | 407                | 4                  | 4                  | 0.47                           | 1.43           | 2.12           | 1.4            | 65.3                           |
| 305.003                            | 438.048 | 134.938 | 133.35  | EE129123D/129172           | 1             | 325                                          | 407                | 3.3                | 4.8                | 0.42                           | 1.6            | 2.4            | 1.6            | 65.4                           |
| 305.054                            | 500     | 200     | 200     | HM858548D/HM858511         | 1             | 333                                          | 457                | 3.2                | 6.4                | 0.33                           | 2              | 3              | 2              | 164                            |
| 317.5                              | 422.275 | 128.588 | 128.588 | LM258649D/LM258610         | 1             | 333                                          | 399                | 1.5                | 1.5                | 0.33                           | 2.1            | 3.1            | 2              | 49.7                           |
|                                    | 447.675 | 158.75  | 158.75  | HM259049D/HM259010         | 1             | 335                                          | 418                | 3.3                | 3.3                | 0.33                           | 2              | 3              | 2              | 79.6                           |
| 327.025                            | 482.6   | 147.638 | 152.4   | EE526129D/526190           | 1             | 362                                          | 438.9              | 1.6                | 3.2                | 0.39                           | 1.73           | 2.57           | 1.69           | 94.3                           |
| 330.2                              | 482.6   | 147.638 | 152.4   | EE526131D/526190           | 1             | 362                                          | 43.9               | 1.6                | 3.2                | 0.39                           | 1.73           | 2.57           | 1.69           | 92.4                           |
| 333.375                            | 469.9   | 166.688 | 166.688 | HM261049D/HM261010         | 1             | 352                                          | 440                | 3.3                | 3.3                | 0.33                           | 2              | 3              | 2              | 91.4                           |
|                                    | 469.9   | 166.688 | 166.688 | HM261049TD/HM261010        | 2             | 359.8                                        | 432.9              | 3.2                | 3.2                | 0.33                           | 2.02           | 3              | 1.97           | 92.8                           |
|                                    | 523.875 | 185.738 | 185.738 | HM265032TD/HM265010        | 2             | 402.5                                        | 483.6              | 3.2                | 6.4                | 0.33                           | 2.03           | 3.02           | 1.98           | 138                            |
| 342.9                              | 533.4   | 146.05  | 139.7   | EE971355D/972100           | 1             | 372                                          | 497                | 3.2                | 3.2                | 0.33                           | 2              | 3              | 2              | 114                            |
|                                    | 571.5   | 163.512 | 163.512 | EE536136D/536225           | 1             | 381                                          | 529                | 3.2                | 6.4                | 0.33                           | 2              | 3              | 2              | 172                            |
| 343.052                            | 457.098 | 122.238 | 122.238 | LM761649D/LM761610         | 1             | 361                                          | 432                | 1.5                | 3.2                | 0.48                           | 1.4            | 2.1            | 1.4            | 54                             |
| 344.091                            | 488.95  | 184.15  | 174.625 | HM262746TD/HM262710        | 2             | 375.3                                        | 450                | 3.2                | 3.2                | 0.33                           | 2.02           | 3              | 1.97           | 108                            |
| 346.075                            | 469.9   | 95.25   | 104.775 | EE161362D/161850           | 1             | 384.6                                        | 440.7              | 1.6                | 6.4                | 0.5                            | 1.35           | 2.01           | 1.32           | 50.7                           |
|                                    | 482.6   | 95.25   | 104.775 | EE161362D/161900           | 1             | 384.6                                        | 440.7              | 1.6                | 6.4                | 0.5                            | 1.35           | 2.01           | 1.32           | 58.4                           |
|                                    | 488.95  | 95.25   | 104.775 | EE161362D/161925           | 1             | 384.6                                        | 440.7              | 1.6                | 6.4                | 0.5                            | 1.35           | 2              | 1.3            | 62                             |

Double-row Taper Roller Bearing with Double Outer Ring  
(Inch Series)

WSW

| 基 本 尺 寸(mm)<br>Boundary Dimensions |         |         |         | 轴 承 型 号<br>Bearing Numbers | 结 构<br>Design | 相关安装尺寸(mm)<br>Abutment and Fillet Dimensions |                    |                    |                    | 计 算 系 数<br>Calculation Factors |                |                |                | 质量(mm)<br>Mass<br>参考<br>Refer. |
|------------------------------------|---------|---------|---------|----------------------------|---------------|----------------------------------------------|--------------------|--------------------|--------------------|--------------------------------|----------------|----------------|----------------|--------------------------------|
| d                                  | D       | T       | B       |                            |               | d <sub>a</sub> min                           | D <sub>b</sub> max | r <sub>b</sub> max | Γ <sub>a</sub> max | e                              | Y <sub>1</sub> | Y <sub>2</sub> | Y <sub>0</sub> |                                |
| 346.075                            | 488.95  | 174.625 | 174.625 | HM262749D/HM262710         | 1             | 366                                          | 457                | 3.2                | 3.2                | 0.33                           | 2              | 3              | 2              | 104                            |
|                                    | 488.95  | 174.625 | 174.625 | HM262749TD/HM262710        | 2             | 377.1                                        | 450                | 3.2                | 3.2                | 0.33                           | 2.02           | 3              | 1.97           | 105                            |
| 347.663                            | 469.9   | 138.112 | 138.112 | M262449D/M262410           | 1             | 369                                          | 443                | 3.2                | 3.2                | 0.33                           | 2.03           | 3.02           | 1.98           | 68                             |
|                                    | 469.9   | 228.6   | 228.601 | M262448TD/M262410          | 2             | 373.7                                        | 436.7              | 3.2                | 3.2                | 0.33                           | 2.03           | 3.02           | 1.98           | 93.7                           |
| 355.6                              | 444.5   | 114.3   | 112.713 | L163149D/L163110           | 1             | 369                                          | 423                | 1.6                | 3.2                | 0.31                           | 2.2            | 3.3            | 2.1            | 41                             |
|                                    | 457.2   | 120.65  | 120.65  | LM263149D/LM263110         | 1             | 370                                          | 435                | 1.6                | 3.2                | 0.32                           | 2.1            | 3.2            | 2.1            | 50.5                           |
|                                    | 482.6   | 128.588 | 133.35  | LM763449D/LM763410         | 1             | 375                                          | 453                | 1.6                | 3.2                | 0.47                           | 1.43           | 2.14           | 1.4            | 67.4                           |
|                                    | 488.95  | 153.988 | 153.988 | M263349D/M263310           | 1             | 374                                          | 459                | 1.6                | 3.2                | 0.33                           | 2.03           | 3.02           | 1.98           | 85.4                           |
|                                    | 501.65  | 111.125 | 127     | EE231401D/231975           | 1             | 382                                          | 472                | 1.6                | 3.2                | 0.44                           | 1.53           | 2.28           | 1.5            | 75.3                           |
|                                    | 514.35  | 111.125 | 127     | EE231401D/232025           | 1             | 404.5                                        | 465.8              | 3.2                | 3.2                | 0.44                           | 1.53           | 2.28           | 1.5            | 85.3                           |
| 356.387                            | 469.9   | 101.6   | 104.75  | EE161403D/161850           | 1             | 382.7                                        | 440.7              | 1.6                | 6.4                | 0.5                            | 1.35           | 2.01           | 1.32           | 47.3                           |
|                                    | 482.6   | 101.6   | 104.75  | EE161403D/161900           | 1             | 382.7                                        | 440.7              | 1.6                | 6.4                | 0.5                            | 1.35           | 2.01           | 1.32           | 55                             |
|                                    | 488.95  | 101.6   | 104.75  | EE161403D/161925           | 1             | 382.7                                        | 440.7              | 1.6                | 6.4                | 0.5                            | 1.35           | 2.01           | 1.32           | 58.9                           |
| 368.3                              | 523.875 | 185.738 | 185.738 | HM265049D/HM265010         | 1             | 390                                          | 487                | 3.3                | 6.4                | 0.33                           | 2              | 3              | 2              | 135                            |
|                                    | 523.875 | 185.738 | 185.738 | HM265049TD/HM265010        | 1             | 402.5                                        | 483.6              | 3.2                | 6.4                | 0.33                           | 2.03           | 3.02           | 1.98           | 110                            |
|                                    | 596.9   | 158.75  | 165.1   | EE181454D/182350           | 1             | 470.6                                        | 535                | 6.4                | 6.4                | 0.4                            | 1.7            | 2.5            | 1.6            | 188                            |
|                                    | 609.6   | 279.4   | 254     | EE321146D/321240           | 1             | 415.2                                        | 545                | 3.2                | 6.4                | 0.36                           | 1.9            | 2.83           | 1.86           | 303                            |
|                                    | 622.3   | 279.4   | 254     | EE321146D/321245           | 1             | 415.2                                        | 545                | 3.2                | 6.4                | 0.36                           | 1.9            | 2.83           | 1.86           | 327                            |
| 374.574                            | 546.1   | 193.675 | 193.675 | HM266445D/HM266410         | 1             | 402                                          | 508                | 3.2                | 6.4                | 0.33                           | 2              | 3              | 2              | 159                            |
| 381.264                            | 546.1   | 193.675 | 206.375 | HM266446TD/HM266410        | 2             | 415.3                                        | 505                | 3.2                | 6.4                | 0.33                           | 2.03           | 3.02           | 1.98           | 159                            |
| 384.175                            | 546.1   | 193.675 | 193.675 | HM266449D/HM266410         | 1             | 407                                          | 508                | 3.3                | 6.4                | 0.33                           | 2              | 3              | 2              | 150                            |
|                                    | 546.1   | 193.675 | 193.675 | HM266449TD/HM266410        | 2             | 417.7                                        | 505                | 3.2                | 6.4                | 0.33                           | 2.03           | 3.02           | 1.98           | 155                            |
| 393.7                              | 546.1   | 120.65  | 141.288 | EE234157D/234215           | 1             | 419                                          | 507                | 3.2                | 6.4                | 0.48                           | 1.4            | 2.1            | 1.4            | 92.2                           |
|                                    | 546.1   | 138.113 | 138.113 | LM767745D/LM767710         | 1             | 418                                          | 510                | 1.6                | 6.4                | 0.48                           | 1.42           | 2.11           | 1.38           | 97.4                           |
|                                    | 558.8   | 120.65  | 119.063 | EE234157D/234220           | 1             | 436.4                                        | 505                | 3.2                | 6.4                | 0.48                           | 1.42           | 2.11           | 1.39           | 97.2                           |
| 400.05                             | 609.6   | 142.875 | 157.163 | EE911576D/912400           | 1             | 462                                          | 555                | 3.6                | 6.4                | 0.38                           | 1.76           | 2.62           | 1.72           | 161                            |

Double-row Taper Roller Bearing with Double Outer Ring  
(Inch Series)

WSW

| 基 本 尺 寸(mm)<br>Boundary Dimensions |         |         |         | 轴 承 型 号<br>Bearing Numbers | 结 构<br>Design | 相关安装尺寸(mm)<br>Abutment and Fillet Dimensions |                    |                    |                    | 计 算 系 数<br>Calculation Factors |                |                |                | 质量(mm)<br>Mass<br>参考<br>Refer. |
|------------------------------------|---------|---------|---------|----------------------------|---------------|----------------------------------------------|--------------------|--------------------|--------------------|--------------------------------|----------------|----------------|----------------|--------------------------------|
| d                                  | D       | T       | B       |                            |               | d <sub>a</sub> min                           | D <sub>b</sub> max | r <sub>b</sub> max | Γ <sub>a</sub> max | e                              | Y <sub>1</sub> | Y <sub>2</sub> | Y <sub>0</sub> |                                |
| 406.4                              | 546.1   | 120.65  | 141.288 | EE234161D/234215           | 1             | 423                                          | 507                | 1.6                | 6.4                | 0.48                           | 1.4            | 2.1            | 1.4            | 84.7                           |
|                                    | 546.1   | 138.113 | 138.113 | LM767749D/LM767710         | 1             | 434.5                                        | 510                | 1.6                | 6.4                | 0.48                           | 1.42           | 2.11           | 1.39           | 90.5                           |
|                                    | 558.8   | 120.65  | 119.063 | EE234161D/234220           | 1             | 436.4                                        | 50                 | 1.6                | 6.4                | 0.48                           | 1.42           | 2.11           | 1.39           | 89.8                           |
|                                    | 574.675 | 114.3   | 130.967 | EE285161D/285226           | 1             | 446.1                                        | 520                | 3.2                | 3.2                | 0.5                            | 1.35           | 2.01           | 1.32           | 105                            |
|                                    | 590.55  | 209.55  | 209.55  | M268743TD/M268710          | 2             | 455.6                                        | 545                | 3.2                | 6.4                | 0.33                           | 2.03           | 3.02           | 1.98           | 199                            |
|                                    | 609.6   | 149.225 | 157.163 | EE911603D/912400           | 1             | 460.7                                        | 555                | 3.6                | 6.4                | 0.38                           | 1.76           | 2.62           | 1.72           | 158                            |
|                                    | 622.3   | 155.575 | 152.705 | EE261602D/262450           | 1             | 467.7                                        | 570                | 3.6                | 6.7                | 0.38                           | 1.76           | 2.62           | 1.72           | 169                            |
|                                    | 635     | 155.575 | 152.705 | EE261602D/262500           | 1             | 467.7                                        | 570                | 3.6                | 6.7                | 0.38                           | 1.76           | 2.62           | 1.72           | 184                            |
| 406.476                            | 673.049 | 195.262 | 195.262 | EE623161D/623265           | 1             | 448                                          | 620                | 3.2                | 6.4                | 0.36                           | 1.9            | 2.8            | 1.8            | 292                            |
| 409.575                            | 546.1   | 161.925 | 161.925 | M667947D/M667911           | 1             | 431                                          | 510                | 1.6                | 6.4                | 0.43                           | 1.6            | 2.3            | 1.6            | 110                            |
| 413.677                            | 590.55  | 225.425 | 209.55  | M268746TD/M268710          | 2             | 452.6                                        | 545                | 3.2                | 6.4                | 0.33                           | 2.03           | 3.02           | 1.98           | 195                            |
| 415.925                            | 590.55  | 209.55  | 209.55  | M268749D/M268710           | 1             | 444                                          | 549                | 3.2                | 6.4                | 0.33                           | 2.03           | 3.02           | 1.98           | 181                            |
|                                    | 590.55  | 209.55  | 209.55  | M268749TD/M268710          | 2             | 455.6                                        | 545                | 3.2                | 6.4                | 0.33                           | 2.03           | 3.02           | 1.98           | 189                            |
| 419.1                              | 622.3   | 155.575 | 152.705 | EE261650D/262450           | 1             | 452                                          | 580                | 3.6                | 6.7                | 0.38                           | 1.8            | 2.6            | 1.7            | 168                            |
|                                    | 635     | 155.575 | 152.705 | EE261650D/262500           | 1             | 467.7                                        | 570                | 3.6                | 6.7                | 0.38                           | 1.76           | 2.62           | 1.72           | 174                            |
| 419.227                            | 736.448 | 406.4   | 406.4   | EE323166D/323290           | 1             | 463                                          | 662                | 6.4                | 6.4                | 0.37                           | 1.8            | 2.7            | 1.8            | 775                            |
| 425.45                             | 685.698 | 253.873 | 254     | EE328167D/328269           | 1             | 482.4                                        | 620                | 6.4                | 6.4                | 0.4                            | 1.68           | 2.5            | 1.64           | 367                            |
| 426.89                             | 635     | 231.775 | 223.838 | M270737TD/M270710          | 2             | 489                                          | 585                | 3.2                | 6.4                | 0.33                           | 2.03           | 3.02           | 1.98           | 261                            |
| 431.8                              | 571.5   | 130.175 | 133.35  | EE239171D/239225           | 1             | 450                                          | 542                | 1.6                | 3.2                | 0.38                           | 1.8            | 2.6            | 1.7            | 92                             |
|                                    | 571.5   | 133.35  | 136.526 | LM869449D/LM869410         | 1             | 453                                          | 537                | 1.6                | 3.2                | 0.55                           | 1.24           | 1.84           | 1.21           | 92.1                           |
|                                    | 571.5   | 161.925 | 161.925 | LM769349D/LM769310         | 1             | 453                                          | 534                | 6.4                | 3.2                | 0.44                           | 1.52           | 2.26           | 1.49           | 112                            |
|                                    | 635     | 173.038 | 173.038 | EE931170D/931250           | 1             | 468                                          | 595                | 6.4                | 6.4                | 0.32                           | 2.1            | 3.1            | 2.1            | 193                            |
| 431.902                            | 685.698 | 253.873 | 254     | EE328172D/328269           | 1             | 482.4                                        | 620                | 6.4                | 6.4                | 0.4                            | 1.68           | 2.5            | 1.64           | 359                            |

Double-row Taper Roller Bearing with Double Outer Ring  
(Inch Series)

WSW

| 基 本 尺 寸(mm)<br>Boundary Dimensions |         |         |         | 轴 承 型 号<br>Bearing Numbers | 结 构<br>Design | 相关安装尺寸(mm)<br>Abutment and Fillet Dimensions |                    |                    |                    | 计 算 系 数<br>Calculation Factors |                |                |                | 质量(mm)<br>Mass<br>参考<br>Refer. |
|------------------------------------|---------|---------|---------|----------------------------|---------------|----------------------------------------------|--------------------|--------------------|--------------------|--------------------------------|----------------|----------------|----------------|--------------------------------|
| d                                  | D       | T       | B       |                            |               | d <sub>a</sub> min                           | D <sub>b</sub> max | r <sub>b</sub> max | Γ <sub>a</sub> max | e                              | Y <sub>1</sub> | Y <sub>2</sub> | Y <sub>0</sub> |                                |
| 432.003                            | 609.524 | 152.4   | 152.4   | EE736173D/736238           | 1             | 472.1                                        | 565                | 3.6                | 6.4                | 0.35                           | 1.95           | 2.9            | 1.91           | 135                            |
|                                    | 609.524 | 152.4   | 161.925 | EE736173D/736237           | 1             | 472.1                                        | 560                | 3.6                | 6.4                | 0.35                           | 1.95           | 2.9            | 1.91           | 139                            |
| 442.674                            | 635     | 239.713 | 23.838  | M270746TD/M270710          | 2             | 487.5                                        | 585                | 3.2                | 6.4                | 0.33                           | 2.03           | 3.02           | 1.98           | 244                            |
| 446.204                            | 635     | 223.838 | 231.775 | M270747TD/M270710          | 2             | 489                                          | 585                | 3.2                | 6.4                | 0.33                           | 2.03           | 3.02           | 1.98           | 237                            |
| 447.675                            | 635     | 223.838 | 223.838 | M270749D/M270710           | 1             | 475                                          | 591                | 3.2                | 6.4                | 0.33                           | 2              | 3              | 2              | 232                            |
|                                    | 635     | 223.838 | 223.838 | M270749TD/M270710          | 2             | 490.5                                        | 585                | 3.2                | 6.4                | 0.33                           | 2.03           | 3.02           | 1.98           | 234                            |
| 457.073                            | 730.148 | 196.85  | 203.2   | EE671798D/672873           | 1             | 515                                          | 660                | 1.6                | 6.4                | 0.39                           | 1.72           | 2.57           | 1.69           | 315                            |
|                                    | 749.3   | 412.75  | 419.1   | EE925179D/925295           | 1             | 497                                          | 686                | 3.2                | 6.4                | 0.31                           | 2.2            | 3.3            | 2.2            | 760                            |
| 457.2                              | 596.9   | 130.175 | 133.35  | EE244181D/244235           | 1             | 475                                          | 565                | 1.6                | 3.2                | 0.4                            | 1.7            | 2.5            | 1.6            | 96.9                           |
|                                    | 596.9   | 133.35  | 136.525 | L770849D/L770810           | 1             | 476                                          | 566                | 1.6                | 3.2                | 0.47                           | 1.4            | 2.1            | 1.4            | 98.9                           |
|                                    | 660.4   | 155.575 | 155.572 | EE737179D/737260           | 1             | 500                                          | 600                | 3.2                | 6.4                | 0.37                           | 1.8            | 2.69           | 1.76           | 175                            |
| 457.403                            | 730.148 | 196.85  | 203.2   | EE671802D/672873           | 1             | 515                                          | 660                | 1.6                | 6.4                | 0.39                           | 1.72           | 2.57           | 1.69           | 315                            |
| 477.441                            | 679.45  | 257.175 | 238.125 | M272746TD/M272710          | 2             | 520                                          | 630                | 3.2                | 6.4                | 0.33                           | 2.03           | 3.02           | 1.98           | 285                            |
| 479.425                            | 679.45  | 238.125 | 238.125 | M272749TD/M272710          | 2             | 520                                          | 630                | 3.2                | 6.4                | 0.33                           | 2.03           | 3.02           | 1.98           | 277                            |
|                                    | 679.45  | 238.125 | 238.125 | M272749D/M272710           | 1             | 506                                          | 635                | 3.3                | 6.4                | 0.34                           | 2              | 3              | 1.9            | 290                            |
| 482.6                              | 647.7   | 201.612 | 201.612 | M272647D/M272610           | 1             | 510                                          | 609                | 3.2                | 6.4                | 0.33                           | 2.03           | 3.02           | 1.98           | 185                            |
| 489.026                            | 634.873 | 152.4   | 152.4   | EE243193D/243250           | 1             | 525                                          | 595                | 3.2                | 3.2                | 0.35                           | 1.9            | 2.9            | 1.8            | 130                            |
|                                    | 634.873 | 153.988 | 153.988 | LM772749D/LM772710         | 1             | 508                                          | 602                | 3.2                | 3.2                | 0.47                           | 1.4            | 2.1            | 1.4            | 125                            |
| 501.65                             | 711.2   | 250.825 | 250.825 | M274149D/M274110           | 1             | 534                                          | 663                | 3.2                | 6.4                | 0.33                           | 2.03           | 3.02           | 1.98           | 314                            |
|                                    | 711.2   | 250.825 | 250.825 | M274149TD/M274110          | 2             | 545                                          | 655                | 3.2                | 6.4                | 0.33                           | 2.03           | 3.02           | 1.98           | 323                            |
| 505.181                            | 838.2   | 266.7   | 266.7   | EE426198D/426330           | 1             | 580                                          | 755                | 6.4                | 9.5                | 0.48                           | 1.41           | 2.1            | 1.38           | 590                            |
| 508                                | 762     | 219.075 | 219.075 | EE531201D/531300           | 1             | 551                                          | 710                | 6.4                | 6.4                | 0.38                           | 1.8            | 2.6            | 1.7            | 370                            |
|                                    | 838.2   | 266.7   | 266.7   | EE426201D/426330           | 1             | 580                                          | 755                | 6.4                | 9.5                | 0.48                           | 1.41           | 2.1            | 1.38           | 585                            |

Double-row Taper Roller Bearing with Double Outer Ring  
(Inch Series)

WSW

| 基 本 尺 寸(mm)<br>Boundary Dimensions |         |         |         | 轴 承 型 号<br>Bearing Numbers | 结 构<br>Design | 相关安装尺寸(mm)<br>Abutment and Fillet Dimensions |                    |                    |                    | 计 算 系 数<br>Calculation Factors |                |                |                | 质量(mm)<br>Mass<br>参考<br>Refer. |
|------------------------------------|---------|---------|---------|----------------------------|---------------|----------------------------------------------|--------------------|--------------------|--------------------|--------------------------------|----------------|----------------|----------------|--------------------------------|
| d                                  | D       | T       | B       |                            |               | d <sub>a</sub> min                           | D <sub>b</sub> max | r <sub>b</sub> max | Γ <sub>a</sub> max | e                              | Y <sub>1</sub> | Y <sub>2</sub> | Y <sub>0</sub> |                                |
| 509.588                            | 838.2   | 266.7   | 266.7   | EE426203D/426330           | 1             | 580                                          | 755                | 6.4                | 9.5                | 0.48                           | 1.41           | 2.1            | 1.38           | 582                            |
| 514.35                             | 673.1   | 203.2   | 203.2   | LM274449D/LM274410         | 1             | 540                                          | 636                | 3.2                | 6.4                | 0.33                           | 2.03           | 3.02           | 1.98           | 189                            |
| 517.657                            | 736.6   | 277.813 | 258.763 | M275346TD/M275310          | 2             | 560                                          | 680                | 3.2                | 6.4                | 0.33                           | 2.03           | 3.02           | 1.98           | 369                            |
| 519.113                            | 736.6   | 258.763 | 258.763 | M275349D/M275310           | 1             | 550                                          | 687                | 3.2                | 6.4                | 0.33                           | 2              | 3              | 2              | 363                            |
|                                    | 736.6   | 258.763 | 258.763 | M275349TD/M275310          | 2             | 560                                          | 680                | 3.2                | 6.4                | 0.33                           | 2.03           | 3.02           | 1.98           | 361                            |
| 534.723                            | 761.873 | 288.925 | 269.875 | M276446TD/M276410          | 2             | 570                                          | 700                | 3.2                | 6.4                | 0.33                           | 2.03           | 3.02           | 1.98           | 409                            |
| 536.575                            | 761.873 | 269.875 | 269.875 | M276449D/M276410           | 1             | 567                                          | 710                | 3.2                | 6.4                | 0.33                           | 2              | 3              | 2              | 409                            |
| 539.75                             | 784.225 | 161.925 | 165.1   | EE522126D/523087           | 1             | 595                                          | 715                | 3.2                | 6.4                | 0.48                           | 1.42           | 2.11           | 1.39           | 261                            |
| 558.8                              | 736.6   | 155.575 | 155.575 | EE843220D/843290           | 1             | 585                                          | 699                | 3.2                | 6.4                | 0.34                           | 1.98           | 2.94           | 1.93           | 177                            |
|                                    | 736.6   | 196.85  | 196.85  | LM377449D/LM377410         | 1             | 583                                          | 696                | 3.2                | 6.4                | 0.35                           | 1.9            | 2.9            | 1.9            | 237                            |
| 571.5                              | 812.8   | 285.75  | 285.75  | M278749D/M278710           | 1             | 603                                          | 759                | 3.2                | 6.4                | 0.33                           | 2              | 3              | 2              | 502                            |
| 584.2                              | 762     | 188.912 | 193.675 | LM778549D/LM778510G2       | 1             | 615                                          | 717                | 3.2                | 6.4                | 0.47                           | 1.43           | 2.14           | 1.4            | 223                            |
| 595.313                            | 844.55  | 296.863 | 296.863 | M280049D/M280010           | 1             | 630                                          | 790                | 3.2                | 6.4                | 0.33                           | 2              | 3              | 2              | 558                            |
| 609.6                              | 787.4   | 171.45  | 171.45  | EE649241D/649310           | 1             | 634                                          | 749                | 3.2                | 6.4                | 0.37                           | 1.8            | 2.7            | 1.8            | 216                            |
|                                    | 812.8   | 190.5   | 190     | EE743241D/743320           | 1             | 660                                          | 755                | 3.2                | 6.4                | 0.33                           | 2.06           | 3.06           | 2.01           | 271                            |
|                                    | 863.6   | 317.5   | 317.5   | M280349D/M280310G2         | 1             | 648                                          | 807                | 3.2                | 6.4                | 0.33                           | 2.03           | 3.02           | 1.98           | 585                            |
| 635                                | 901.7   | 317.5   | 317.5   | M281049D/M281010           | 1             | 675                                          | 843                | 3.2                | 6.4                | 0.33                           | 2.03           | 3.02           | 1.98           | 641                            |
| 657.225                            | 933.45  | 328.612 | 328.612 | M281649D/M281610G2         | 1             | 699                                          | 870                | 3.2                | 6.4                | 0.33                           | 2.03           | 3.02           | 1.98           | 711                            |
| 660.4                              | 812.8   | 176.212 | 176.212 | L281149D/L281110G2         | 1             | 684                                          | 789                | 3.2                | 6.4                | 0.33                           | 2              | 3              | 2              | 195                            |
| 679.45                             | 901.7   | 265.112 | 265.112 | LM281849D/LM281810G2       | 1             | 714                                          | 852                | 3.2                | 6.4                | 0.33                           | 2.03           | 3.02           | 1.98           | 459                            |
| 685.8                              | 876.3   | 168.275 | 171.45  | EE655271D/655345G2         | 1             | 717                                          | 831                | 3.2                | 6.4                | 0.42                           | 1.61           | 2.4            | 1.58           | 247                            |

Double-row Taper Roller Bearing with Double Outer Ring  
(Inch Series)

WSW

| 基 本 尺 寸(mm)<br>Boundary Dimensions |         |         |         | 轴 承 型 号<br><br>Bearing Numbers | 结 构<br><br>Design | 相关安装尺寸(mm)<br>Abutment and Fillet Dimensions |                    |                    |                    | 计 算 系 数<br>Calculation Factors |                |                |                | 质量(mm)<br>Mass<br>参考<br>Refer. |
|------------------------------------|---------|---------|---------|--------------------------------|-------------------|----------------------------------------------|--------------------|--------------------|--------------------|--------------------------------|----------------|----------------|----------------|--------------------------------|
| d                                  | D       | T       | B       |                                |                   | d <sub>a</sub> min                           | D <sub>b</sub> max | r <sub>b</sub> max | r <sub>a</sub> max | e                              | Y <sub>1</sub> | Y <sub>2</sub> | Y <sub>0</sub> |                                |
| 708.25                             | 930.275 | 273.05  | 273.05  | LM282549D/LM282510             | 1                 | 741                                          | 879                | 3.2                | 6.4                | 0.33                           | 2.03           | 3.02           | 1.98           | 490                            |
| 711.2                              | 914.4   | 149.225 | 149.225 | EE755281D/755360               | 1                 | 744                                          | 873                | 3.2                | 6.4                | 0.38                           | 1.77           | 2.64           | 1.73           | 243                            |
| 714.375                            | 1016    | 339.725 | 339.725 | M383240D/M383210               | 1                 | 756                                          | 953                | 3.2                | 6.4                | 0.35                           | 1.9            | 2.9            | 1.9            | 924                            |
| 730.25                             | 1035.05 | 365.125 | 365.125 | M283449D/M283410               | 1                 | 790                                          | 960                | 3.2                | 6.4                | 0.33                           | 2.03           | 3.02           | 1.98           | 1000                           |
| 749.3                              | 990.6   | 293     | 293     | LM283649D/LM283610             | 1                 | 786                                          | 936                | 3.2                | 6.4                | 0.33                           | 2.03           | 3.02           | 1.98           | 606                            |
| 762                                | 1066.8  | 352.425 | 365.125 | M284148D/M284111               | 1                 | 819                                          | 996                | 3.2                | 6.4                | 0.33                           | 2.03           | 3.02           | 1.98           | 968                            |
| 762                                | 1079.5  | 381     | 381     | M284249D/M284210               | 1                 | 810                                          | 1005               | 4.8                | 12.7               | 0.33                           | 2.03           | 3.02           | 1.98           | 1097                           |
| 825.5                              | 1168.4  | 409.575 | 409.575 | M285848D/M285810               | 1                 | 890                                          | 1090               | 4.8                | 12.7               | 0.33                           | 2.03           | 3.02           | 1.98           | 1440                           |
| 863.6                              | 1130.3  | 323.85  | 323.85  | LM286249D/LM286210             | 1                 | 901                                          | 1067               | 4.8                | 12.7               | 0.33                           | 2              | 3              | 2              | 915                            |
| 863.6                              | 1219.2  | 425.45  | 438.15  | EE547341D/547480               | 1                 | 918                                          | 1135               | 4.8                | 12.7               | 0.33                           | 2.03           | 3.02           | 1.98           | 1552                           |
| 901.7                              | 1295.4  | 438.15  | 450.85  | 634356D/634510                 | 1                 | 936                                          | 1190               | 4.8                | 12.7               | 0.35                           | 1.9            | 2.9            | 1.8            | 2000                           |
| 938.212                            | 1270    | 400.05  | 400.05  | LM3287649D/LM287610            | 1                 | 990                                          | 1190               | 4.8                | 12.7               | 0.33                           | 2.03           | 3.02           | 1.98           | 1444                           |
| 939.8                              | 1333.5  | 463.55  | 463.55  | LM287849D/LM287810             | 1                 | 996                                          | 1246               | 4.8                | 12.7               | 0.33                           | 2              | 3              | 2              | 2170                           |

Double-row Taper Roller Bearing with Double Outer Ring and Big Cone Angle

WSW

| 基 本 尺 寸<br>Boundary Dimensions |     |     |     | 基本额定载荷(kN)<br>Basic Load Ratings |         |      |      | 轴承代号<br>Bearing Numbers |        | Calculation Factors |                |                |                | 质量(kg)<br>Mass<br>参考 | 相当于国外轴承代号<br>Reference Models Abroad |                          |                              |
|--------------------------------|-----|-----|-----|----------------------------------|---------|------|------|-------------------------|--------|---------------------|----------------|----------------|----------------|----------------------|--------------------------------------|--------------------------|------------------------------|
|                                |     |     |     |                                  |         |      |      | 新代号                     | 旧代号    |                     |                |                |                |                      |                                      |                          |                              |
| d                              | D   | B   | T   | r1.2min                          | r3.4min | Cr   | Cor  | New                     | Old    | e                   | Y <sub>1</sub> | Y <sub>2</sub> | Y <sub>0</sub> | Refer.               | SKF                                  | KOYO                     | NSK                          |
| 100                            | 250 | 120 | 120 | 3                                | 2.5     | 800  | 1120 | 100TDI250-2             |        | 0.71                | 0.95           | 1.4            | 0.93           | 29.2                 |                                      | 45T202512                | 100KDH2102+K                 |
| 110                            | 240 | 118 | 118 | 3                                | 1       | 750  | 1080 | 110TDI240-1             |        | 0.81                | 0.83           | 1.2            | 0.81           | 24.6                 |                                      | 45T222412                | 110KDH2401+K                 |
| 120                            | 220 | 110 | 110 | 2.5                              | 1       | 669  | 1090 | 120TDI220-1             |        | 0.7                 | 0.97           | 1.44           | 0.94           | 16                   |                                      | 45T242211A               |                              |
|                                | 230 | 120 | 120 | 2                                | 1       | 725  | 1290 | 120TDI230-1             |        | 0.8                 | 0.85           | 1.3            | 0.83           | 23.3                 |                                      |                          | 120KDH2601+K                 |
|                                | 260 | 130 | 130 | 3                                | 1       | 875  | 1340 | 120TDI260-1             |        | 0.81                | 0.83           | 1.2            | 0.81           | 32.8                 |                                      |                          | 120KDH2601+K                 |
| 125                            | 230 | 100 | 108 | 2.5                              | 1.5     | 645  | 1060 | 125TDI230-1             |        | 0.74                | 0.92           | 1.4            | 0.9            | 18.5                 |                                      | 45T253018                | 125KDH2301+K                 |
|                                | 305 | 167 | 180 | sp                               | 6       | 1360 | 2120 | 125TDI305-1             |        | 0.73                | 0.93           | 1.38           | 0.91           | 60                   |                                      |                          |                              |
|                                | 305 | 180 | 180 | 3                                | 4       | 1270 | 2020 | 125TDI305-2             |        | 0.73                | 0.93           | 1.4            | 0.91           | 64.9                 |                                      |                          | 125KDH3001+K                 |
| 130                            | 330 | 200 | 200 | 5                                | 2.5     | 1750 | 2910 | 130TDI330-1             |        | 0.73                | 0.93           | 1.38           | 0.91           | 80                   |                                      | 45T1633                  |                              |
| 140                            | 300 | 154 | 70  | 1.3                              | 4       | 1099 | 1842 |                         | 187328 | 0.83                | 0.818          | 1.22           | 0.8            | 50.3                 |                                      | 45T283118                |                              |
|                                | 305 | 160 | 160 | 5                                | 1.5     | 1160 | 1850 | 140TDI305-1             |        | 0.73                | 0.92           | 1.37           | 0.9            | 58.1                 |                                      |                          |                              |
|                                | 310 | 164 | 180 | 4                                | 1.5     | 1370 | 2080 | 140TDI310-1             |        | 0.81                | 0.83           | 1.23           | 0.81           | 62.7                 |                                      |                          |                              |
| 150                            | 320 | 144 | 144 | 4                                | 5       | 1110 | 1750 | 150TDI320-1             |        | 0.89                | 0.76           | 1.1            | 0.74           | 53.4                 |                                      | 45T30330D/144<br>45T3034 | 150KDH3201+K                 |
|                                | 340 | 175 | 180 | 5                                | 2.5     | 1450 | 2310 | 150TDI340-1             |        | 0.81                | 0.84           | 1.25           | 0.82           | 80                   |                                      |                          |                              |
|                                | 380 | 235 | 235 | 5                                | 2.5     | 2320 | 4000 | 150TDI380-1             |        | 0.81                | 0.83           | 1.23           | 0.81           | 142                  |                                      |                          |                              |
| 160                            | 260 | 130 | 130 | 3                                | 1.5     | 880  | 1740 | 160TDI260-1             |        | 0.62                | 1.09           | 1.62           | 1.06           | 26.9                 |                                      |                          |                              |
| 170                            | 300 | 100 | 100 | 3                                | 2.5     | 845  | 1450 | 170TDI300-1             |        | 0.7                 | 0.97           | 1.44           | 0.94           | 30.2                 |                                      | 45T343616A               | 170KDH3605+K<br>170KDH3602+K |
|                                | 360 | 144 | 144 | 4                                | 2.5     | 1110 | 2130 | 170TDI360-1             |        | 1.1                 | 0.64           | 0.95           | 0.62           | 72.6                 |                                      |                          |                              |
|                                | 360 | 144 | 160 | 4                                | 2.5     | 1160 | 1840 | 170TDI360-2             |        | 1.1                 | 0.62           | 0.92           | 0.61           | 70.7                 |                                      |                          |                              |
| 180                            | 320 | 104 | 104 | 4                                | 4       | 795  | 1350 | 180TDI320-1             |        | 0.74                | 0.92           | 1.4            | 0.9            | 34.8                 |                                      | 45T363210                | 180KDH3201+K<br>180KDH3301+K |
|                                | 330 | 190 | 190 | 5                                | 1.5     | 1610 | 3200 | 180TDI330-1             |        | 0.58                | 1.2            | 1.7            | 1.1            | 72.6                 |                                      |                          |                              |
|                                | 380 | 158 | 158 | 3                                | 4       | 1380 | 1980 | 180TDI380-1             |        | 0.81                | 0.83           | 1.23           | 0.81           | 87.6                 |                                      |                          |                              |
|                                | 400 | 232 | 232 | 4                                | 4       | 2090 | 3600 | 180TDI400-1             |        | 0.81                | 0.83           | 1.23           | 0.81           | 146.5                |                                      | 45T3640                  |                              |
| 190                            | 320 | 104 | 104 | 3                                | 3       | 815  | 1410 | 190TDI320-1             |        | 0.76                | 0.88           | 1.3            | 0.86           | 32.3                 |                                      | 45T383210<br>45T383211A  | 190KDH3201+K                 |
|                                | 320 | 114 | 114 | 4                                | 2.5     | 881  | 1570 | 190TDI320-2             |        | 0.87                | 0.78           | 1.16           | 0.76           | 33                   |                                      |                          |                              |
|                                | 350 | 135 | 135 | 3                                | 3       | 1130 | 1950 | 190TDI350-1             |        | 0.81                | 0.83           | 1.23           | 0.81           | 57.7                 |                                      |                          |                              |
| 200                            | 360 | 170 | 170 | 4                                | 1.5     | 1300 | 2360 | 200TDI360-1             |        | 0.97                | 0.7            | 1              | 0.68           | 72.7                 |                                      | 45T403617                | 200KDH3601+K                 |

Double-row Taper Roller Bearing with Double Outer Ring and Big Cone Angle

WSW

| 基 本 尺 寸  |         |            |         |         |         | 基本额定载荷(kN)         |      | 轴承代号             |         | Calculation Factors |                |                |                | 质量(kg) | 相当于国外轴承代号               |                  |                    |
|----------|---------|------------|---------|---------|---------|--------------------|------|------------------|---------|---------------------|----------------|----------------|----------------|--------|-------------------------|------------------|--------------------|
| Boundary |         | Dimensions |         |         |         | Basic Load Ratings |      | Bearing Numbers  |         |                     |                |                |                | Mass   | Reference Models Abroad |                  |                    |
| d        | D       | B          | T       | r1.2min | r3.4min | Cr                 | Cor  | 新代号              | 旧代号     | e                   | Y <sub>1</sub> | Y <sub>2</sub> | Y <sub>0</sub> | Refer. | SKF                     | KOYO             | NSK                |
| 200      | 460     | 260        | 260     | 5       | 6       | 3120               | 5330 | 200TDI460-1      |         | 0.81                | 0.83           | 1.24           | 0.81           | 219    |                         | 45T4046          |                    |
| 210      | 355     | 130        | 127     | 3       | 6       | 1030               | 2340 | 210TDI355-1      |         | 0.59                | 1.1            | 1.7            | 1.1            | 53.8   |                         |                  | 210KDH3501+K       |
|          | 440     | 175        | 244     | 6       | 5       | 2070               | 3350 | 210TDI440-1      |         | 1.1                 | 0.62           | 0.92           | 0.61           | 151    | 45T424424               |                  | 210KDH4402+K       |
|          | 480     | 230        | 230     | 6       | 6       | 3000               | 5150 | 210TDI480-1      |         | 0.7                 | 0.97           | 1.4            | 0.94           | 215    | 45T424823               |                  | 210KDH4801+K       |
| 215.9    | 355.6   | 130.175    | 127     | 3.2     | 6.4     | 1030               | 2340 | 96851D/96140     |         | 0.59                | 1.1            | 1.7            | 1.1            | 52.1   |                         |                  | 96851D/96140+K     |
| 220      | 360     | 120        | 120     | 3       | 4       | 1000               | 1920 | 220TDI360-1      |         | 0.87                | 0.78           | 1.16           | 0.76           | 42     |                         | 45T443612        |                    |
| 228.6    | 431.8   | 158.75     | 158.75  | 6.4     | 3.6     | 1520               | 2640 | EE113090D/113170 |         | 0.88                | 0.77           | 1.1            | 0.75           | 99.5   |                         |                  | EE113090D/113170+K |
| 240      | 480     | 220        | 200     | 5       | 2.5     | 3190               | 5220 | 240TDI480-1      |         | 0.72                | 0.94           | 1.4            | 0.9            | 183    |                         |                  |                    |
| 254      | 585     | 260        | 285     | 4       | 4       | 3700               | 6450 | 254TDI585-1      |         | 1.17                | 0.58           | 0.86           | 0.56           | 392    |                         | 45T515828        |                    |
| 260      | 389.5   | 105        | 105     | 3       | 1.5     | 945                | 1880 | 260TDI389-1      |         | 0.87                | 0.78           | 1.2            | 0.76           | 42.7   |                         |                  | 260KDH3801+K       |
|          | 458.5   | 155        | 155     | 5       | 5       | 1760               | 3300 | 260TDI458-2      |         | 0.87                | 0.78           | 1.2            | 0.76           | 110    |                         |                  | 260KDH4501A+K      |
|          | 459     | 155        | 155     | 5       | 5       | 1740               | 3150 | 260TDI459-1      |         | 0.87                | 0.78           | 1.16           | 0.76           | 110    | 45T524616A              |                  |                    |
| 260.35   | 419.1   | 155.575    | 158.75  | 3.2     | 3.2     | 1640               | 3650 | EE435103D/435165 |         | 0.61                | 1.1            | 1.7            | 1.1            | 85.2   |                         |                  | EE435103D/435165+K |
| 279.578  | 381     | 88.9       | 111.125 | 6.4     | 3.3     | 825                | 1800 | 89111D/89150     |         | 0.58                | 1.2            | 1.7            | 1.1            | 32.6   |                         |                  | 89111D/89150+K     |
| 280      | 410     | 110        | 110     | 2.5     | 2.5     | 985                | 1960 | 280TDI410-1      |         | 1.05                | 0.64           | 0.96           | 0.63           | 49     |                         |                  |                    |
| 290      | 450     | 180        | 180     | 4       | 2.5     | 1970               | 4250 | 290TDI450-1      |         | 0.64                | 1.1            | 1.6            | 1              | 103    |                         |                  | 290KDH4501+K       |
| 300      | 440     | 105        | 105     | 4       | 4       | 960                | 1940 | 300TDI440-1      |         | 0.88                | 0.77           | 1.15           | 0.8            | 52     | 332168                  | 45T604411A       |                    |
|          | 500     | 200        | 200     | 5       | 5       | 2500               | 6050 | 300TDI500-1      |         | 0.7                 | 0.97           | 1.4            | 0.94           | 167    |                         |                  | 300KDH5001+K       |
|          | 520     | 180        | 210     | 4       | 4       | 2310               | 4500 | 300TDI520-1      |         | 1.2                 | 0.57           | 0.85           | 0.56           | 178    |                         | 45T605221A       | 300KDH5201+K       |
| 305      | 500     | 200        | 200     | 5       | 6       | 2250               | 4530 | 305TDI500-1      |         | 0.76                | 0.88           | 1.31           | 0.86           | 150    |                         | 45T615020        |                    |
| 305.054  | 499.949 | 200.025    | 200.025 | 6.4     | 6.4     | 1800               | 3630 | M959442D/M959410 |         | 1.17                | 0.58           | 0.86           | 0.56           | 145    |                         | M959442D/M959410 |                    |
| 305.07   | 500     | 200        | 200     | 6.4     | 4.8     | 1700               | 3550 |                  | 87961K  | 0.79                | 0.854          | 1.27           | 0.835          | 122    | 332169                  |                  |                    |
| 305.2    | 500     | 200        | 200     | 6.4     | 4.8     | 1700               | 3550 |                  | 87961K1 | 0.79                | 0.854          | 1.27           | 0.835          | 115    |                         |                  |                    |

Double-row Taper Roller Bearing with Double Outer Ring and Big Cone Angle

WSW

| 基 本 尺 寸             |       |     |     | 基本额定载荷(kN)         |         |      |       | 轴承代号            |     | 质量(kg) |                |                |                | 相当于国外轴承代号      |                              |            |               |
|---------------------|-------|-----|-----|--------------------|---------|------|-------|-----------------|-----|--------|----------------|----------------|----------------|----------------|------------------------------|------------|---------------|
| Boundary Dimensions |       |     |     | Basic Load Ratings |         |      |       | Bearing Numbers |     | 计算参数   |                |                |                | Mass Reference |                              |            |               |
|                     | D     | B   | T   | r1.2min            | r3.4min | Cr   | Cor   | 新代号             | 旧代号 | e      | Y <sub>1</sub> | Y <sub>2</sub> | Y <sub>0</sub> | Refer.         | SKF                          | KOYO       | NSK           |
| 318                 | 449.5 | 120 | 120 | 4                  | 2.5     | 1090 | 2420  | 318TDI449-1     |     | 1.05   | 0.64           | 0.96           | 0.63           | 50             |                              | 45T644512  |               |
| 320                 | 620   | 264 | 296 | 5                  | 6       | 3900 | 7550  | 320TDI620-1     |     | 0.94   | 0.72           | 1.1            | 0.7            | 399            |                              | 45T6462    | 320KDH6201+K  |
| 330                 | 459   | 120 | 120 | 4                  | 5       | 1050 | 2370  | 330TDI459-1     |     | 1.05   | 0.64           | 0.96           | 0.63           | 55             |                              | 45T664612  |               |
|                     | 650   | 248 | 248 | 7.5                | 6       | 3350 | 6100  | 330TDI650-1     |     | 1.3    | 0.54           | 0.8            | 0.52           | 369            |                              | 45T666525  | 330KDH6501+K  |
| 350                 | 618   | 200 | 200 | 6                  | 6       | 2880 | 5450  | 350TDI618-1     |     | 0.87   | 0.78           | 1.2            | 0.76           | 236            |                              |            | 350KDH6102    |
|                     | 619   | 200 | 200 | 6                  | 6       | 2940 | 5580  | 350TDI619-1     |     | 0.87   | 0.78           | 1.16           | 0.76           | 260            |                              | 45T706220  |               |
| 360                 | 550   | 148 | 148 | 5                  | 6       | 1940 | 3900  | 360TDI550-1     |     | 0.7    | 0.97           | 1.4            | 0.94           | 123            |                              | 45T725515  | 360KDH5501+K  |
|                     | 560   | 160 | 160 | 5                  | 3       | 2260 | 4420  | 360TDI560-1     |     | 0.72   | 0.94           | 1.4            | 0.9            | 140            | BT2-8000/HA3<br>BT2-8002/HA3 |            |               |
|                     | 600   | 200 | 200 | 5                  | 3       | 2880 | 5560  | 360TDI600-2     |     | 0.94   | 0.72           | 1.07           | 0.7            | 220            |                              |            |               |
|                     | 680   | 330 | 300 | 7.5                | 4       | 6850 | 12730 | 360TDI680-1     |     | 0.6    | 1.1            | 1.7            | 1.1            | 540            |                              |            |               |
| 380                 | 559.5 | 160 | 160 | 5                  | 5       | 1890 | 4250  | 380TDI559-1     |     | 0.7    | 0.97           | 1.44           | 0.94           | 133            |                              | 45T765616  |               |
|                     | 650   | 240 | 240 | 6                  | 5       | 3830 | 8260  | 380TDI650-1     |     | 0.8    | 0.85           | 1.26           | 0.83           | 290            |                              | 45T766524  |               |
| 390                 | 600   | 200 | 200 | 5                  | 6       | 2610 | 6070  | 390TDI600-1     |     | 0.87   | 0.78           | 1.16           | 0.76           | 200            |                              | 45T786020  |               |
| 400                 | 650   | 200 | 200 | 6                  | 6       | 2870 | 6300  | 400TDI650-1     |     | 1.1    | 0.64           | 0.96           | 0.63           | 264            | 332167                       | 45T806520B | 400KDH6503+K  |
|                     | 650   | 240 | 240 | 6.4                | 6.4     | 3710 | 7740  | 400TDI650-1     |     | 0.88   | 0.77           | 1.15           | 0.8            | 245            |                              | 2TR400     |               |
|                     | 780   | 268 | 300 | 7.5                | 7.5     | 4520 | 8240  | 400TDI780-1     |     | 1.17   | 0.58           | 0.86           | 0.56           | 580            |                              | 45T807830  |               |
| 440                 | 650   | 155 | 155 | 6                  | 6       | 2330 | 5300  | 440TDI650-1     |     | 0.8    | 0.85           | 1.26           | 0.83           | 163            |                              |            |               |
| 450                 | 720   | 216 | 216 | 6                  | 6       | 3130 | 6870  | 450TDI720-1     |     | 1.09   | 0.62           | 0.92           | 0.61           | 290            |                              | 45T907222U |               |
|                     | 820   | 300 | 300 | 7.5                | 7.5     | 4990 | 10900 | 450TDI820-1     |     | 1.05   | 0.64           | 0.96           | 0.63           | 610            |                              | 45T908230U |               |
|                     | 830   | 288 | 320 | 7.5                | 7.5     | 5570 | 10900 | 450TDI830-1     |     | 1.05   | 0.64           | 0.96           | 0.63           | 670            |                              | 45T908332  |               |
| 460                 | 618   | 150 | 150 | 4                  | 5       | 1600 | 4150  | 460TDI618-1     |     | 1.1    | 0.64           | 0.96           | 0.63           | 117            |                              |            | 460KDH6101A+K |
|                     | 619   | 150 | 150 | 4                  | 5       | 1820 | 4640  | 460TDI619-1     |     | 1.05   | 0.64           | 0.96           | 1.63           | 130            |                              | 45T926215  |               |
| 491                 | 635   | 148 | 128 | 3.3                | 1.5     | 1800 | 5030  | 491TDI635-1     |     | 1      | 0.68           | 1              | 0.66           | 120            |                              |            |               |
| 500                 | 720   | 185 | 218 | 6                  | 6       | 2950 | 6800  | 500TDI720-1     |     | 0.7    | 0.97           | 1.4            | 0.95           | 262            |                              |            | 500KDH7201+K  |
|                     | 870   | 310 | 340 | 9.5                | 6       | 7450 | 16200 | 500TDI870-1     |     | 0.7    | 0.97           | 1.44           | 0.94           | 846            |                              | 2TR500D    |               |

Double-row Taper Roller Bearing with Double Outer Ring and Big Cone Angle

WSW

| 基 本 尺 寸             |        |         |         |         |         | 基本额定载荷(kN)         |       | 轴承代号             |        | 质量(kg) |                |                |                | 相当于国外轴承代号               |              |         |              |
|---------------------|--------|---------|---------|---------|---------|--------------------|-------|------------------|--------|--------|----------------|----------------|----------------|-------------------------|--------------|---------|--------------|
| Boundary Dimensions |        |         |         |         |         | Basic Load Ratings |       | Bearing Numbers  |        | 计算参数   |                |                |                | Reference Models Abroad |              |         |              |
| d                   | D      | B       | T       | r1.2min | r3.4min | Cr                 | Cor   | 新代号              | 旧代号    | e      | Y <sub>1</sub> | Y <sub>2</sub> | Y <sub>0</sub> | Refer.                  | SKF          | KOYO    | NSK          |
| 520                 | 660    | 140     | 140     | 5       | 3       | 1950               | 5410  | 520TDI660-1      |        | 0.68   | 1              | 1.5            | 1              | 115                     | BT2-8001/HA3 |         |              |
| 522                 | 690    | 180     | 160     | 4       | 1.5     | 2720               | 7880  | 522TDI690-1      |        | 0.79   | 0.85           | 1.25           | 0.8            | 190                     |              |         |              |
| 540                 | 860    | 256     | 256     | 7.5     | 7.5     | 5400               | 12100 | 540TDI860-1      |        | 0.7    | 0.97           | 1.4            | 0.94           | 575                     |              |         | 540KDH8601+K |
| 560                 | 820    | 242     | 242     | 8       | 2.5     | 4760               | 10830 | 560TDI820-2      |        | 0.88   | 0.77           | 1.15           | 0.8            | 425                     |              |         |              |
| 600                 | 1000   | 350     | 350     | 7.5     | 7.5     | 8250               | 19500 | 600TDI1000-1     |        | 0.87   | 0.78           | 1.16           | 0.76           | 1130                    |              | 2TR600  |              |
| 635                 | 939.8  | 304.8   | 304.8   | 3.2     | 6.4     | 5400               | 9400  |                  | 524241 | 0.83   | 0.818          | 1.22           | 0.8            | 721                     | 331555B      |         |              |
| 657.225             | 933.45 | 326.813 | 326.813 | 6.4     | 3.2     | 9800               | 14900 | M281649D/M281610 |        | 1      | 0.67           | 1              | 0.66           | 735                     |              |         |              |
| 660                 | 814    | 176.212 | 176.212 | SP      | SP      | 2690               | 8330  | 660TDI814-1      |        | 0.67   | 1.01           | 1.5            | 0.99           | 170                     |              | 2TR660B |              |
| 720                 | 920    | 130     | 150     | 5       | 4       | 2760               | 7300  | 720TDI920-1      |        | 0.81   | 0.83           | 1.23           | 0.81           | 240                     |              | 2TR720  |              |



Four-row Taper Roller Bearing(Metric Series)

WSW

| 外形尺寸mm<br>Boundary Dimensions |     |       |                     |                     | 基本额定载荷KN<br>Basic Load Ratings |       | 轴承代号<br>Bearing Numbers |         | Bore Size mm | Limit Speed rpm<br>脂 油 |      | 计算参数<br>Calculation Factors |                |                |                | 参考重量<br>Mass<br>kg |
|-------------------------------|-----|-------|---------------------|---------------------|--------------------------------|-------|-------------------------|---------|--------------|------------------------|------|-----------------------------|----------------|----------------|----------------|--------------------|
| d                             | D   | T     | r <sub>1,2min</sub> | r <sub>3,4min</sub> | Cr                             | Cor   | NEW                     | OLD     | d            | Grease                 | Oil  | e                           | Y <sub>1</sub> | Y <sub>2</sub> | Y <sub>0</sub> |                    |
| 140                           | 210 | 185   | 2.5                 | 2                   | 605                            | 1400  | 382028                  | 2077128 | 140          | 800                    | 1000 | 0.37                        | 0.2            | 0.3            | 2.0            | 24.1               |
| 150                           | 210 | 165   | 2.5                 | 2                   | 602                            | 1580  | 382930                  | 2077930 | 150          | 800                    | 1000 | 0.27                        | 2.5            | 3.7            | 2.4            | 21.2               |
| 170                           | 260 | 230   | 3                   | 2.5                 | 1270                           | 3290  | 382034                  | 2077134 | 170          | 670                    | 850  | 0.44                        | 1.5            | 2.3            | 1.5            | 39.5               |
| 200                           | 310 | 275   | 3                   | 2.5                 | 1760                           | 4200  | 382040                  | 2077140 | 200          | 560                    | 700  | 0.37                        | 1.7            | 2.3            | 2.1            | 75.1               |
| 220                           | 340 | 305   | 4                   | 3                   | 2070                           | 5430  | 382044                  | 2077144 | 220          | 500                    | 630  | 0.35                        | 1.9            | 2.8            | 1.9            | 98.5               |
| 240                           | 360 | 310   | 4                   | 3                   | 2110                           | 5610  | 382048                  | 2077148 | 240          | 450                    | 560  | 0.31                        | 2.2            | 3.2            | 2.1            | 91.3               |
| 250                           | 385 | 255   | 5                   | 4                   | 1390                           | 2570  | 381050                  | 77150   | 250          | 430                    | 530  | 0.38                        | 1.8            | 2.6            | 1.7            | 108                |
| 260                           | 360 | 265   | 3                   | 2.5                 | 1760                           | 5220  | 382952                  | 2077952 | 260          | 450                    | 560  | 0.37                        | 1.8            | 2.7            | 1.8            | 76.3               |
|                               | 400 | 345   | 5                   | 4                   | 2710                           | 7140  | 382052                  | 2077152 |              | 430                    | 530  | 0.29                        | 2.3            | 3.4            | 2.3            | 153                |
| 280                           | 460 | 324   | 5                   | 4                   | 2840                           | 7290  | 381156                  | 1077756 | 280          | 360                    | 450  | 0.33                        | 2.1            | 3.1            | 2.0            | 200                |
| 300                           | 420 | 300   | 4                   | 3                   | 2330                           | 7210  | 382960                  | 2077960 | 300          | 380                    | 480  | 0.29                        | 2.3            | 3.4            | 2.3            | 130                |
|                               | 460 | 390   | 5                   | 4                   | 3180                           | 9330  | 382060                  | 2077160 |              | 360                    | 450  | 0.31                        | 2.2            | 3.2            | 2.1            | 219                |
|                               | 500 | 370   | 5                   | 4                   | 3390                           | 8710  | 381160                  | 1077760 |              | 340                    | 430  | 0.32                        | 2.1            | 3.2            | 2.1            | 285                |
| 320                           | 480 | 390   | 5                   | 4                   | 3180                           | 9330  | 382064                  | 2077164 | 320          | 340                    | 430  | 0.42                        | 1.6            | 2.4            | 1.6            | 234                |
| 340                           | 460 | 310   | 4                   | 3                   | 2480                           | 8100  | 382968                  | 2077968 | 340          | 340                    | 430  | 0.31                        | 2.2            | 3.2            | 2.1            | 145                |
|                               | 520 | 325   | 5                   | 4                   | 3100                           | 8620  | 381068                  | 77168   |              | 320                    | 400  | 0.29                        | 2.3            | 3.4            | 2.3            | 234                |
|                               | 580 | 425   | 5                   | 4                   | 4580                           | 11700 | 381168                  | 1077768 |              | 280                    | 360  | 0.42                        | 1.6            | 2.4            | 1.6            | 441                |
| 360                           | 540 | 325   | 5                   | 4                   | 3360                           | 8840  | 381072                  | 77172   | 360          | 300                    | 380  | 0.30                        | 2.3            | 3.3            | 2.2            | 248                |
| 380                           | 560 | 325   | 5                   | 4                   | 3360                           | 8840  | 381076                  | 77176   | 380          | 280                    | 380  | 0.31                        | 2.1            | 3.2            | 2.1            | 281                |
|                               | 620 | 420   | 5                   | 4                   | 4710                           | 12300 | 381176                  | 1077776 |              | 240                    | 360  | 0.46                        | 1.5            | 2.2            | 1.4            | 487                |
| 395                           | 545 | 288.7 | 7.5                 | 4                   | 2470                           | 6600  |                         | 77779   | 395          | 300                    | 360  | 0.44                        | —              | —              | —              | 192                |
| 400                           | 600 | 356   | 5                   | 4                   | 4160                           | 10400 | 381080                  | 77180   | 400          | 240                    | 320  | 0.40                        | 1.7            | 2.5            | 1.7            | 317                |
| 420                           | 620 | 356   | 5                   | 4                   | 4160                           | 10400 | 381084                  | 77184   | 420          | 220                    | 300  | 0.41                        | 1.6            | 2.4            | 1.6            | 358                |
|                               | 700 | 480   | 6                   | 5                   | 6780                           | 18500 | 381184                  | 1077784 |              | 190                    | 260  | 0.32                        | 2.1            | 3.2            | 2.1            | 760                |

Four-row Taper Roller Bearing(Metric Series)

WSW

| 外形尺寸mm<br>Boundary Dimensions |      |      |                     |                     | 基本额定载荷KN<br>Basic Load Ratings |        | 轴承代号<br>Bearing Numbers |            | Bore Size mm | Limit Speed rpm<br>脂 油 |     | 计算参数<br>Calculation Factors |                |                |                | 参考重量<br>Mass<br>kg |
|-------------------------------|------|------|---------------------|---------------------|--------------------------------|--------|-------------------------|------------|--------------|------------------------|-----|-----------------------------|----------------|----------------|----------------|--------------------|
| d                             | D    | T    | r <sub>1,2min</sub> | r <sub>3,4min</sub> | Cr                             | Cor    | NEW                     | OLD        | d            | Grease                 | Oil | e                           | Y <sub>1</sub> | Y <sub>2</sub> | Y <sub>0</sub> |                    |
| 440                           | 650  | 376  | 6                   | 5                   | 4290                           | 12390  | 381088                  | 77188      | 440          | 200                    | 280 | 0.43                        | 1.6            | 2.3            | 1.5            | 401                |
| 460                           | 620  | 310  | 4                   | 3                   | 3360                           | 10200  | 381992                  | 1077992    | 460          | 200                    | 280 | 0.40                        | 1.7            | 2.5            | 1.7            | 173                |
|                               | 680  | 410  | 6                   | 5                   | 5130                           | 14200  | 381092                  | 77192      |              | 180                    | 240 | 0.31                        | 2.2            | 3.2            | 2.1            | 476                |
| 480                           | 650  | 338  | 5                   | 4                   | 3390                           | 10500  | 381996                  | 1077996    | 480          | 190                    | 260 | 0.42                        | 1.6            | 2.4            | 1.6            | 301                |
|                               | 700  | 420  | 6                   | 5                   | 5780                           | 16900  | 381096                  | 77196      |              | 170                    | 220 | 0.32                        | 2.1            | 3.1            | 2.1            | 547                |
| 500                           | 720  | 420  | 6                   | 5                   | 5880                           | 17400  | 3810/500                | 771/500    | 500          | 160                    | 200 | 0.33                        | 2.1            | 3.1            | 2.0            | 565                |
| 530                           | 780  | 450  | 6                   | 5                   | 7520                           | 21500  | 3810/530                | 771/530    | 530          | 140                    | 180 | 0.38                        | 1.8            | 2.6            | 1.7            | 744                |
|                               | 870  | 590  | 7.5                 | 6                   | 9320                           | 26100  | 3811/530                | 10777/530  |              | 120                    | 160 | 0.46                        | 1.5            | 2.2            | 1.4            | 1422               |
| 560                           | 750  | 368  | 5                   | 4                   | 4370                           | 13300  | 3819/560                | 10779/560  | 560          | 140                    | 180 | 0.43                        | 1.6            | 2.3            | 1.5            | 456                |
|                               | 920  | 620  | 7.5                 | 6                   | 11200                          | 26100  | 3811/560                | 10777/560  |              | 100                    | 140 | 0.39                        | 1.7            | 2.6            | 1.7            | 1635               |
| 600                           | 800  | 380  | 5                   | 4                   | 5500                           | 18900  | 3819/600                | 10779/600  | 600          | 120                    | 160 | 0.33                        | 2.1            | 3.1            | 2.0            | 536                |
|                               | 870  | 480  | 6                   | 5                   | 8370                           | 25400  | 3810/600                | 771/600    |              | 100                    | 140 | 0.41                        | 1.7            | 2.5            | 1.6            | 995                |
|                               | 980  | 650  | 7.5                 | 6                   | 12700                          | 36700  | 3811/600                | 10777/600  |              | 90                     | 120 | 0.32                        | 2.1            | 3.2            | 2.1            | 1970               |
| 630                           | 850  | 418  | 6                   | 5                   | 6440                           | 19800  | 3819/630                | 10779/630  | 630          | 100                    | 140 | 0.40                        | 1.7            | 2.5            | 1.7            | 720                |
|                               | 920  | 515  | 7.5                 | 6                   | 9170                           | 26800  | 3810/630                | 771/630    |              | 95                     | 130 | 0.42                        | 1.6            | 2.4            | 1.6            | 1158               |
|                               | 1030 | 670  | 7.5                 | 6                   | 14400                          | 39900  | 3811/630                | 10777/630  |              | 85                     | 110 | 0.30                        | 2.2            | 3.3            | 2.2            | 2201               |
| 670                           | 900  | 412  | 6                   | 5                   | 6940                           | 22300  | 3819/670                | 10779/670  | 670          | 95                     | 130 | 0.44                        | 1.5            | 2.3            | 1.5            | 959                |
|                               | 1090 | 710  | 7.5                 | 6                   | 15700                          | 39900  | 3811/670                | 10777/670  |              | 75                     | 95  | 0.32                        | 2.1            | 3.2            | 2.1            | 2665               |
| 710                           | 1030 | 555  | 7.5                 | 6                   | 11200                          | 35800  | 3810/710                | 771/710    | 710          | 75                     | 95  | 0.43                        | 1.6            | 2.3            | 1.5            | 1568               |
|                               | 1150 | 750  | 9.5                 | 8                   | 17100                          | 50900  | 3811/710                | 10777/710  |              | 67                     | 85  | 0.32                        | 2.1            | 3.2            | 2.1            | 3227               |
| 750                           | 1090 | 605  | 7.5                 | 6                   | 13100                          | 42400  | 3810/750                | 771/750    | 750          | 70                     | 90  | 0.43                        | 1.6            | 2.4            | 1.6            | 1874               |
|                               | 1220 | 840  | 9.5                 | 8                   | 21900                          | 68000  | 3811/750                | 10777/750  |              | 48                     | 80  | 0.32                        | 2.1            | 3.2            | 2.1            | 3994               |
| 950                           | 1360 | 880  | 7.5                 | 6                   | 23300                          | 83600  | 3820/950                | 20771/950  | 950          | —                      | —   | 0.26                        | 2.6            | 3.8            | 2.6            | 4087               |
| 1060                          | 1500 | 1000 | 9.5                 | 8                   | 29100                          | 105000 | 3820/1060               | 20771/1060 | 1060         | —                      | —   | 0.26                        | 2.6            | 3.8            | 2.6            | 5896               |

Four-row Taper Roller Bearing(Inch Series)

WSW

| 外形尺寸mm  |         |               |                 |                     |                     | 基本载荷KN      |                     | 轴承代号<br>Bearing Numbers | Bore Size<br>mm<br>d | 计算参数 |                |                |                | 参考国外轴承代号       |                                       | 参考重量<br>Mass<br>kg |
|---------|---------|---------------|-----------------|---------------------|---------------------|-------------|---------------------|-------------------------|----------------------|------|----------------|----------------|----------------|----------------|---------------------------------------|--------------------|
| d       | D       | Boundary<br>T | Dimensions<br>B | r <sub>1,2min</sub> | r <sub>3,4min</sub> | Basic<br>Cr | Load Ratings<br>Cor |                         |                      | e    | Y <sub>1</sub> | Y <sub>2</sub> | Y <sub>0</sub> | SKF            | Reference Models<br>TIMKEN            |                    |
| 120.650 | 174.625 | 139.703       | 141.288         | 0.8                 | 1.5                 | 737         | 1560                | IFTB1001                | 120.650              | 0.33 | 2.0            | 3.0            | 2.0            | BT4B332406/HA1 | M244749D/10/10D                       | 11.2               |
| 127.000 | 182.562 | 158.750       | 158.750         | 1.5                 | 3.3                 | 781         | 1760                | IFTB1002                | 127.000              | 0.30 | 2.3            | 3.4            | 2.2            | BT4B330880/HA1 | 48290DW/20/20D                        | 14.5               |
| 139.700 | 200.025 | 160.338       | 157.162         | 0.8                 | 3.3                 | 858         | 2080                | IFTB1003                | 139.700              | 0.33 | 2.0            | 3.0            | 2.0            | 331138A        | 48680D/20/20D                         | 15.5               |
| 152.400 | 222.250 | 174.625       | 174.625         | 1.5                 | 1.5                 | 1120        | 2500                | IFTB0001                | 152.400              | 0.33 | 2.0            | 3.0            | 2.0            | 331329         | M231649D/10/10CD                      | 23.2               |
| 165.100 | 225.425 | 168.275       | 165.100         | 0.8                 | 3.3                 | 858         | 2200                | IFTB0002                | 165.100              | 0.37 | 1.8            | 2.7            | 1.8            | 330835C        | 46791DW/20/21D                        | 20.5               |
| 177.800 | 247.650 | 192.088       | 192.088         | 1.5                 | 3.3                 | 1230        | 3000                | IFTB0003                | 177.800              | 0.44 | 1.5            | 2.3            | 1.4            | 331480         | 67791DW/20/21D                        | 29.0               |
| 187.325 | 269.875 | 211.138       | 211.138         | 1.5                 | 3.3                 | 1650        | 3800                | IFTB0004                | 187.325              | 0.33 | 2.0            | 3.0            | 2.0            | 331382         | M238849DW/10/10CD                     | 41.0               |
| 190.500 | 266.700 | 188.912       | 187.325         | 1.5                 | 3.3                 | 1340        | 3250                | IFTB0005                | 190.500              | 0.48 | 1.4            | 2.1            | 1.4            | 331249         | 67885DW/20/20CD                       | 33.5               |
| 198.438 | 284.162 | 225.425       | 225.425         | 1.5                 | 3.3                 | 1790        | 4150                | IFTB0006                | 198.438              | 0.33 | 2.0            | 3.0            | 2.0            | 330899A        | M240648D/11/11D                       | 47.5               |
| 205.000 | 320.000 | 203.500       | 203.500         | 4                   | 3                   | 1900        | 3650                | IFTB0007                | 205.000              | 0.46 | 1.5            | 2.2            | 1.4            | BT4B328065/HA1 |                                       | 54.5               |
| 206.375 | 282.575 | 190.500       | 190.500         | 0.8                 | 3.3                 | 1300        | 3350                | IFTB0008                | 206.375              | 0.50 | 1.5            | 2.0            | 1.3            | 331486         | 67986DW/20/21CD                       | 36.5               |
| 220.000 | 320.000 | 200.000       | 200.000         | 1                   | 3                   | 1760        | 4050                | IFTB0009                | 220.000              | 0.33 | 2.0            | 3.0            | 2.0            | BT4B328348/HA1 |                                       | 54.0               |
|         | 340.000 | 303.500       | 303.500         | 4                   | 3                   | 3080        | 6700                | IFTB0010                |                      | 0.43 | 1.6            | 2.3            | 1.6            | BT4B328003/HA1 |                                       | 100                |
| 220.662 | 314.325 | 239.712       | 239.712         | 1.5                 | 3.3                 | 2200        | 5200                | IFTB0011                | 220.662              | 0.33 | 2.0            | 3.0            | 2.0            | 331156         | M244249DW/10/10CD                     | 61.5               |
| 228.600 | 311.150 | 200.025       | 200.025         | 1.5                 | 3.3                 | 1760        | 4050                | IFTB0012                | 228.600              | 0.33 | 2.0            | 3.0            | 2.0            | BT4B332637/HA1 | LM245149DW/10/10D                     | 43.5               |
| 234.950 | 327.025 | 196.850       | 196.850         | 1.5                 | 3.3                 | 1540        | 4250                | IFTB0013                | 234.950              | 0.40 | 1.7            | 2.5            | 1.6            | 331399         | 8576DW/20/20CD                        | 54.0               |
| 240.000 | 338.000 | 248.000       | 248.000         | 4                   | 3                   | 2380        | 5500                | IFTB0014                | 240.000              | 0.40 | 1.7            | 2.5            | 1.6            | BT4B328015/HA1 |                                       | 70.0               |
|         | 360.000 | 308.500       | 308.500         | 4                   | 3                   | 3300        | 7350                | IFTB0015                |                      | 0.33 | 2.0            | 3.0            | 2.0            | BT4B328508     |                                       | 110                |
| 241.224 | 355.498 | 228.600       | 228.600         | 1.5                 | 3.3                 | 2160        | 5000                | IFTB0016                | 241.224              | 0.35 | 1.9            | 2.9            | 1.8            | 331787         | EE127094D/138/139D                    | 81.5               |
| 241.478 | 349.148 | 228.600       | 228.600         | 1.5                 | 3.3                 | 2160        | 5000                | IFTB0017                | 241.478              | 0.35 | 1.9            | 2.9            | 1.8            | 330782A        | EE127097DW/135/136D                   | 74.5               |
| 244.475 | 327.025 | 193.675       | 193.675         | 1.5                 | 3.3                 | 1830        | 4300                | IFTB0018                | 244.475              | 0.33 | 2.0            | 3.0            | 2.0            | 330862B        | LM247748DW/10/10D                     | 46.0               |
|         | 381.000 | 304.800       | 304.800         | 3.3                 | 4.8                 | 2970        | 6700                | IFTB0019                |                      | 0.52 | 1.3            | 1.9            | 1.3            |                | BT4B328690/HA1<br>EE126096DW/150/151D | 130                |
| 245.000 | 380.000 | 254.000       | 255.500         | 1.5                 | 4                   | 2640        | 5600                | IFTB0020                | 245.000              | 0.44 | 1.5            | 2.3            | 1.4            | 331398         |                                       | 105                |
| 247.650 | 400.050 | 253.995       | 249.235         | 1.5                 | 6.4                 | 2920        | 6300                | IFTB0021                | 247.650              | 0.40 | 1.7            | 2.5            | 1.6            | 614096B        | EE220975DW/1575/1576D                 | 120                |
| 254.000 | 358.775 | 269.875       | 269.875         | 1.5                 | 3.3                 | 2860        | 7100                | IFTB0022                | 254.000              | 0.33 | 2.0            | 3.0            | 2.0            | 331275A        | M249748DW/10/10CD                     | 88.0               |

Four-row Taper Roller Bearing(Inch Series)

WSW

| 外形尺寸mm  |         |               |                 |                     |                     | 基本载荷KN                   |       | 轴承代号<br>Bearing Numbers | Bore Size<br>mm<br>d | 计算参数 |                |                |                | 参考国外轴承代号         |                                   | 参考重量<br>Mass<br>kg        |
|---------|---------|---------------|-----------------|---------------------|---------------------|--------------------------|-------|-------------------------|----------------------|------|----------------|----------------|----------------|------------------|-----------------------------------|---------------------------|
| d       | D       | Boundary<br>T | Dimensions<br>B | r <sub>1,2min</sub> | r <sub>3,4min</sub> | Basic Load Ratings<br>Cr | Cor   |                         |                      | e    | Y <sub>1</sub> | Y <sub>2</sub> | Y <sub>0</sub> | SKF              | Reference Models Abroad<br>TIMKEN |                           |
| 260.000 | 440.000 | 298.500       | 298.500         | 2.5                 | 5                   | 3910                     | 7350  | IFTB0023                | 260.000              | 0.54 | 1.5            | 1.8            | 1.3            | BT4B328551/HA1   |                                   | 190                       |
| 260.350 | 422.275 | 317.500       | 314.325         | 6.4                 | 3.3                 | 4130                     | 8000  | IFTB0024                | 260.350              | 0.33 | 2.0            | 3.0            | 2.0            | BT4B331487G/HA1  | HM252349DGW/10/10D                | 180                       |
| 266.700 | 355.600 | 228.600       | 230.188         | 1.5                 | 3.3                 | 2050                     | 5600  | IFTB0025                | 266.700              | 0.37 | 1.8            | 2.7            | 1.8            | 330822B          | LM451349DW/10/10CD                | 63.5                      |
| 269.875 | 381.000 | 282.575       | 282.575         | 3.3                 | 3.3                 | 3080                     | 7500  | IFTB0026                | 269.875              | 0.33 | 2.0            | 3.0            | 2.0            | BT4B331168B      | M252349D/10/10CD                  | 105                       |
| 276.225 | 393.700 | 269.875       | 269.878         | 1.5                 | 6.4                 | 2970                     | 6400  | IFTB0027                | 276.225              | 0.40 | 1.7            | 2.5            | 1.6            | 331288           | EE275109DW/55/56CD                | 100                       |
| 279.400 | 381.000 | 269.875       | 269.875         | 1.5                 | 3.3                 | 2920                     | 7500  | IFTB0028                | 279.400              | 0.35 | 1.9            | 2.9            | 1.8            | BT4B328293/HA1   | EE135111DW/55/56D                 | 91.0<br>102               |
|         | 393.700 | 269.875       | 269.875         | 1.5                 | 6.4                 | 3030                     | 7100  | IFTB0029                |                      | 0.37 | 1.8            | 2.7            | 1.8            | BT4B332390/HA1   |                                   |                           |
| 279.578 | 380.898 | 244.475       | 244.475         | 1.5                 | 3.3                 | 2290                     | 6400  | IFTB0030                | 279.578              | 0.43 | 1.6            | 2.3            | 1.6            | 330540A          | LM654644DW/10/10CD                | 86.0                      |
| 280.000 | 380.000 | 290.000       | 290.000         | 1                   | 2.5                 | 3030                     | 8000  | IFTB0031                | 280.000              | 0.28 | 2.4            | 3.6            | 2.5            | BT4B328613G/HA1  |                                   | 95.0<br>110<br>115<br>215 |
|         | 395.000 | 288.000       | 288.000         | 2.5                 | 4                   | 3470                     | 8300  | IFTB0032                |                      | 0.28 | 2.4            | 3.6            | 2.5            | BT4B328807/HA1   |                                   |                           |
|         | 420.000 | 250.000       | 250.000         | 2                   | 5                   | 3190                     | 6550  | IFTB0033                |                      | 0.35 | 1.9            | 2.9            | 1.8            | BT4B328664/HA1   |                                   |                           |
|         | 460.000 | 324.000       | 324.000         | 6                   | 6                   | 4680                     | 9300  | IFTB0034                |                      | 0.35 | 1.9            | 2.9            | 1.8            | BT4B332441G/HA1  |                                   |                           |
| 285.750 | 380.898 | 244.475       | 244.475         | 1.5                 | 3.3                 | 2290                     | 6400  | IFTB0035                | 285.750              | 0.43 | 1.6            | 2.3            | 1.6            | 330337A          | LM654648DW/10/10CD                | 81.0                      |
| 292.100 | 422.275 | 269.875       | 269.875         | 6.4                 | 3.3                 | 3520                     | 8000  | IFTB0036                | 292.100              | 0.31 | 2.2            | 3.3            | 2.2            | 331968           | EE330116DGW/66/67D                | 125                       |
| 300.000 | 440.000 | 279.400       | 280.988         | 3.3                 | 4.8                 | 3190                     | 7800  | IFTB0037                | 300.000              | 0.43 | 1.6            | 2.3            | 1.6            | BT4B328725G/HA1  |                                   | 145<br>240                |
|         | 460.000 | 388.500       | 388.500         | 5                   | 5                   | 5390                     | 12500 | IFTB0038                |                      | 0.33 | 2.0            | 3.0            | 2.0            | BT4B332472       |                                   |                           |
| 300.038 | 422.275 | 311.150       | 311.150         | 3.3                 | 3.3                 | 3800                     | 9500  | IFTB0039                | 300.038              | 0.33 | 2.0            | 3.0            | 2.0            | 331287           | HM256849D/10/10CD                 | 140                       |
| 304.648 | 438.048 | 279.400       | 280.990         | 3.3                 | 4.8                 | 3470                     | 8000  | IFTB0040                | 304.648              | 0.48 | 1.4            | 2.1            | 1.4            | 331492           | M757448DW/10/10D                  | 135                       |
| 304.800 | 419.100 | 269.875       | 269.875         | 1.5                 | 6.4                 | 3360                     | 8150  | IFTB0041                | 304.800              | 0.33 | 2.0            | 3.0            | 2.0            | BT4B331687/HA1   | M257149DW/10/10D                  | 110<br>265                |
|         | 482.600 | 377.825       | 365.125         | 3.3                 | 3.3                 | 5010                     | 10400 | IFTB0042                |                      | 0.35 | 1.9            | 2.9            | 1.8            | 330693C          |                                   |                           |
| 304.902 | 412.648 | 266.700       | 266.700         | 3.3                 | 3.3                 | 3080                     | 8000  | IFTB0043                | 304.902              | 0.31 | 2.2            | 3.3            | 2.2            | 330758A          | M257248DW/10/10D                  | 105                       |
| 317.500 | 422.275 | 269.875       | 269.875         | 1.5                 | 3.3                 | 3080                     | 8150  | IFTB0044                | 317.500              | 0.31 | 2.2            | 3.3            | 2.2            | 330870A          | LM258648DW/10/10D                 | 105<br>125<br>165         |
|         | 438.150 | 276.225       | 276.225         | 1.5                 | 3.3                 | 3520                     | 8300  | IFTB0045                |                      | 0.43 | 1.6            | 2.3            | 1.6            | BT4B334020G/HA4  |                                   |                           |
|         | 447.675 | 327.025       | 327.025         | 3.3                 | 3.3                 | 4400                     | 10800 | IFTB0046                |                      | 0.33 | 2.0            | 3.0            | 2.0            | BT4B331161AG/HA1 | HM259049D/10/10CD                 |                           |
| 330.200 | 444.500 | 301.625       | 301.625         | 3.3                 | 3.3                 | 3690                     | 9650  | IFTB0047                | 330.200              | 0.33 | 2.0            | 3.0            | 2.0            | BT4B332647G/HA1  | M260149DW/10/10D                  | 135                       |

Four-row Taper Roller Bearing(Inch Series)

WSW

| 外形尺寸mm              |         |         |         |                     |                     | 基本载荷KN             |       | 轴承代号            | Bore Size | 计算参数                |                |                |                | 参考国外轴承代号                |                      | 参考重量       |
|---------------------|---------|---------|---------|---------------------|---------------------|--------------------|-------|-----------------|-----------|---------------------|----------------|----------------|----------------|-------------------------|----------------------|------------|
| Boundary Dimensions |         |         |         |                     |                     | Basic Load Ratings |       |                 |           | Calculation Factors |                |                |                | Reference Models Abroad |                      |            |
| d                   | D       | T       | B       | r <sub>1,2min</sub> | r <sub>3,4min</sub> | Cr                 | Cor   | Bearing Numbers | mm<br>d   | e                   | Y <sub>1</sub> | Y <sub>2</sub> | Y <sub>0</sub> | SKF                     | TIMKEN               | Mass<br>kg |
| 330.302             | 438.023 | 254.000 | 247.650 | 1.5                 | 3.3                 | 2600               | 7350  | IFTB0048        | 330.302   | 0.46                | 1.5            | 2.2            | 1.4            | 331664                  | EE138131D/72/73XD    | 110        |
| 333.375             | 469.900 | 342.900 | 342.900 | 3.3                 | 3.3                 | 4570               | 11400 | IFTB0049        | 333.375   | 0.33                | 2.0            | 3.0            | 2.0            | 331381                  | HM261049DW/10/10CD   | 190        |
| 340.000             | 520.000 | 323.500 | 323.500 | 1.5                 | 5                   | 5230               | 10400 | IFTB0050        | 340.000   | 0.30                | 2.3            | 3.4            | 2.2            | BT4B332963/HA1          |                      | 245        |
| 342.900             | 571.500 | 342.900 | 342.540 | 3.3                 | 6.4                 | 6270               | 11600 | IFTB0051        | 342.900   | 0.33                | 2.0            | 3.0            | 2.0            | BT4B331553/HA1          |                      | 365        |
| 343.052             | 457.098 | 254.000 | 254.000 | 1.5                 | 3.3                 | 2810               | 6800  | IFTB0052        | 343.052   | 0.48                | 1.4            | 2.1            | 1.4            | 330661C                 | LM761649DW/10/10D    | 110        |
| 346.075             | 488.950 | 358.775 | 358.775 | 3.3                 | 3.3                 | 4950               | 12500 | IFTB0053        | 346.075   | 0.33                | 2.0            | 3.0            | 2.0            | 331228                  | HM262749D/10/10CD    | 220        |
| 347.662             | 469.900 | 260.350 | 260.350 | 1.5                 | 3.3                 | 3800               | 10200 | IFTB0054        | 347.662   | 0.33                | 2.0            | 3.0            | 2.0            | BT4B331077AG/HA1        | LM262449DW/10/10D    | 130        |
|                     | 469.900 | 292.100 | 292.100 | 3.3                 | 3.3                 | 3800               | 10200 | IFTB0055        |           | 0.33                | 2.0            | 3.0            | 2.0            | 331092A                 | M262449DW/10/10D     | 150        |
| 355.000             | 490.000 | 316.000 | 316.000 | 1.5                 | 3.3                 | 4130               | 11000 | IFTB0056        | 355.000   | 0.33                | 2.0            | 3.0            | 2.0            | 331508                  |                      | 185        |
| 355.600             | 482.600 | 269.875 | 265.112 | 1.5                 | 3.3                 | 3190               | 8000  | IFTB0057        | 355.600   | 0.48                | 1.4            | 2.1            | 1.4            | 330662AG                | LM763449DW/10/10D    | 140        |
|                     | 488.950 | 317.500 | 317.500 | 1.5                 | 3.3                 | 4130               | 11000 | IFTB0058        |           | 0.33                | 2.0            | 3.0            | 2.0            | 331271                  | M263349DW/10/10D     | 195        |
| 360.000             | 510.000 | 380.000 | 380.000 | 2                   | 6                   | 5610               | 14300 | IFTB0059        | 360.000   | 0.33                | 2.0            | 3.0            | 2.0            | 332059                  | BT4B328159/HA1       | 255        |
|                     | 540.000 | 280.000 | 280.000 | 5                   | 5                   | 4400               | 9000  | IFTB0060        |           | 0.44                | 1.5            | 2.3            | 1.4            | 230                     |                      |            |
| 368.300             | 523.875 | 382.588 | 382.588 | 3.3                 | 6.4                 | 5380               | 15000 | IFTB0061        | 368.300   | 0.33                | 2.0            | 3.0            | 2.0            | 331159A                 | HM265049DW/10/10CD   | 275        |
| 374.650             | 501.650 | 260.350 | 250.825 | 1.5                 | 3.3                 | 3360               | 8150  | IFTB1061        | 374.650   | 0.48                | 1.4            | 2.1            | 1.4            | BT4B332188/HA1          | LM765149DW/10/10D    | 140        |
| 380.000             | 560.000 | 325.000 | 325.000 | 2                   | 5                   | 5500               | 11800 | IFTB0062        | 380.000   | 0.31                | 2.2            | 3.3            | 2.2            | BT4B328294/HA1          |                      | 265        |
|                     | 560.000 | 360.000 | 360.000 | 2                   | 6                   | 6160               | 13700 | IFTB0063        |           | 0.40                | 1.7            | 2.5            | 1.6            |                         |                      | 295        |
|                     | 620.000 | 368.000 | 368.000 | 6                   | 6                   | 7040               | 13700 | IFTB0064        |           | 0.43                | 1.6            | 2.3            | 1.6            |                         |                      | 438        |
| 384.175             | 546.100 | 400.050 | 400.050 | 3.3                 | 6.4                 | 6440               | 16600 | IFTB0065        | 384.175   | 0.33                | 2.0            | 3.0            | 2.0            | 331149A                 | HM266449DW/10/10CD   | 310        |
| 385.762             | 514.350 | 317.500 | 317.500 | 3.3                 | 3.3                 | 4290               | 12000 | IFTB0066        | 385.762   | 0.43                | 1.6            | 2.3            | 1.6            | 331202                  | LM665949DGW/10/10CD  | 190        |
| 395.000             | 545.000 | 288.900 | 268.000 | 5                   | 10                  | 2910               | 9500  | IFTB0067        | 395.000   | 0.48                | 1.4            | 2.1            | 1.4            | BT4B332824/HA1          |                      | 195        |
| 406.400             | 546.100 | 288.925 | 268.288 | 1.5                 | 6.4                 | 3910               | 9500  | IFTB0068        | 406.400   | 0.48                | 1.4            | 2.1            | 1.4            | 331465                  | LM867949DGW/10/11    | 185        |
|                     | 546.100 | 288.925 | 288.925 | 1.5                 | 6.4                 | 4020               | 10200 | IFTB0069        |           | 0.48                | 1.4            | 2.1            | 1.4            | BT4B330650CG            | LM767749DW/10/10D    | 185        |
|                     | 565.150 | 381.000 | 381.000 | 3.3                 | 6.4                 | 6050               | 15600 | IFTB0070        |           | 0.33                | 2.0            | 3.0            | 2.0            | BT4B331347AG/HA1        | M267949DGW/10/10D    | 300        |
|                     | 590.550 | 400.050 | 400.050 | 3.3                 | 6.4                 | 6930               | 16600 | IFTB0071        |           | 0.33                | 2.0            | 3.0            | 2.0            | 331133A                 | EE833161DGW/231/233D | 370        |

Four-row Taper Roller Bearing(Inch Series)

WSW

| 外形尺寸mm   |          |               |                 |                      |                      | 基本载荷KN                   |       | 轴承代号<br>Bearing Numbers | Bore Size<br>mm<br>d | 计算参数  |                |                |                | 参考国外轴承代号                          |                                   | 参考重量<br>Mass<br>kg |
|----------|----------|---------------|-----------------|----------------------|----------------------|--------------------------|-------|-------------------------|----------------------|-------|----------------|----------------|----------------|-----------------------------------|-----------------------------------|--------------------|
| d        | D        | Boundary<br>T | Dimensions<br>B | r <sub>1, 2min</sub> | r <sub>3, 4min</sub> | Basic Load Ratings<br>Cr | Cor   |                         |                      | e     | Y <sub>1</sub> | Y <sub>2</sub> | Y <sub>0</sub> | SKF                               | Reference Models Abroad<br>TIMKEN |                    |
| 409. 575 | 546. 100 | 334. 962      | 334. 962        | 1. 5                 | 6. 4                 | 4680                     | 13200 | IFTB0072                | 409. 575             | 0. 43 | 1. 6           | 2. 3           | 1. 6           | BT4B331333/HA1                    | M667949D/11/11D                   | 220                |
| 415. 925 | 590. 550 | 434. 975      | 434. 975        | 3. 3                 | 6. 4                 | 7210                     | 19300 | IFTB0073                | 415. 925             | 0. 33 | 2. 0           | 3. 0           | 2. 0           | 331160A                           | M268749DW/10/10CD                 | 395                |
| 420. 000 | 560. 000 | 437. 000      | 437. 000        | 4                    | 6                    | 5830                     | 16300 | IFTB0074                | 420. 000             | 0. 31 | 2. 2           | 3. 3           | 2. 2           | BT4B328826G/HA1<br>BT4B328374/HA1 |                                   | 285                |
|          | 620. 000 | 355. 000      | 355. 000        | 2                    | 5                    | 6440                     | 14600 | IFTB0075                |                      | 0. 31 | 2. 2           | 3. 3           | 2. 2           |                                   |                                   | 375                |
| 430. 000 | 570. 000 | 336. 550      | 336. 550        | 1. 5                 | 3. 3                 | 4950                     | 14000 | IFTB0076                | 430. 000             | 0. 44 | 1. 5           | 2. 3           | 1. 4           | 331192A                           |                                   | 240                |
| 431. 800 | 571. 500 | 279. 400      | 279. 400        | 1. 5                 | 3. 3                 | 3690                     | 9650  | IFTB0077                | 431. 800             | 0. 54 | 1. 5           | 2. 0           | 1. 3           | 331125A                           | LM869449DW/10/10CD                | 200                |
|          | 571. 500 | 336. 550      | 336. 550        | 1. 5                 | 3. 3                 | 4950                     | 14000 | IFTB0078                |                      | 0. 44 | 1. 5           | 2. 3           | 1. 4           | BT4B331226/HA1                    | LM769349DW/10/10D                 | 240                |
|          | 635. 000 | 355. 600      | 355. 600        | 6. 4                 | 6. 4                 | 6600                     | 15000 | IFTB0079                |                      | 0. 33 | 2. 0           | 3. 0           | 2. 0           | 332060                            | EE931070DGW/250/251XD             | 385                |
| 440. 000 | 580. 000 | 420. 000      | 420. 000        | 4. 5                 | 6. 7                 | 6050                     | 17600 | IFTB0080                | 440. 000             | 0. 26 | 2. 6           | 3. 9           | 2. 5           | BT4B328829/HA1<br>332313          |                                   | 300                |
|          | 650. 000 | 353. 500      | 353. 500        | 6. 4                 | 6. 4                 | 6600                     | 15000 | IFTB0081                |                      | 0. 33 | 2. 0           | 3. 0           | 2. 0           |                                   |                                   | 410                |
| 444. 500 | 571. 500 | 336. 550      | 336. 550        | 1. 5                 | 3. 3                 | 4950                     | 14300 | IFTB0082                | 444. 500             | 0. 31 | 2. 2           | 3. 3           | 2. 2           | BT4B328670                        |                                   | 215                |
| 447. 675 | 635. 000 | 463. 550      | 463. 550        | 3. 3                 | 6. 4                 | 8250                     | 22000 | IFTB0083                | 447. 675             | 0. 33 | 2. 0           | 3. 0           | 2. 0           | 330608C                           | M270749ADW/10/10CD                | 485                |
| 450. 000 | 580. 000 | 450. 000      | 450. 000        | 3                    | 6                    | 6160                     | 19600 | IFTB0084                | 450. 000             | 0. 24 | 2. 8           | 4. 2           | 2. 8           | BT4B328161/HA1                    | M270449DA/10/10D<br>M270449DA/410 | 280                |
|          | 595. 000 | 368. 000      | 368. 000        | 3                    | 6                    | 5500                     | 16300 | IFTB0085                |                      | 0. 33 | 2. 0           | 3. 0           | 2. 0           | BT4B332773/HA1                    |                                   | 285                |
|          | 595. 000 | 404. 000      | 404. 000        | 3                    | 6                    | 5500                     | 16300 | IFTB0086                |                      | 0. 33 | 2. 0           | 3. 0           | 2. 0           | BT4B328365/HA1                    |                                   | 305                |
| 457. 073 | 730. 148 | 419. 100      | 412. 750        | 1. 5                 | 6. 4                 | 8970                     | 19600 | IFTB0087                | 457. 073             | 0. 40 | 1. 7           | 2. 5           | 1. 6           | BT4B328287G/HA1                   | EE671798DGW/2873/2875D            | 630                |
| 457. 200 | 596. 900 | 279. 400      | 276. 225        | 1. 5                 | 3. 3                 | 4180                     | 10800 | IFTB0088                | 457. 200             | 0. 48 | 1. 4           | 2. 1           | 1. 4           | 331169A                           | L770847DW/10/10D                  | 200                |
|          | 596. 900 | 320. 000      | 320. 000        | 3. 3                 | 3. 3                 | 4840                     | 13700 | IFTB0089                |                      | 0. 44 | 1. 5           | 2. 3           | 1. 4           | BT4B334006                        |                                   | 235                |
| 460. 000 | 610. 000 | 360. 000      | 360. 000        | 3                    | 6                    | 6050                     | 16300 | IFTB0090                | 460. 000             | 0. 33 | 2. 0           | 3. 0           | 2. 0           | 331977                            | M271149DW/10/10D                  | 295                |
|          | 610. 000 | 400. 000      | 400. 000        | 2. 5                 | 4                    | 6270                     | 17300 | IFTB0091                |                      | 0. 28 | 2. 4           | 3. 6           | 2. 5           | BT4B328285                        |                                   | 315                |
|          | 625. 000 | 421. 000      | 421. 000        | 3                    | 9                    | 7210                     | 20000 | IFTB0092                |                      | 0. 33 | 2. 0           | 3. 0           | 2. 0           | BT4B332502/HA1                    |                                   | 382                |
| 462. 000 | 615. 950 | 330. 200      | 330. 200        | 3. 3                 | 6. 4                 | 5500                     | 15000 | IFTB0093                | 462. 000             | 0. 40 | 1. 7           | 2. 5           | 1. 6           | BT4B328692                        |                                   | 275                |
| 475. 000 | 600. 000 | 368. 000      | 368. 000        | 2                    | 6                    | 5280                     | 16600 | IFTB0094                | 475. 000             | 0. 30 | 2. 3           | 3. 4           | 2. 2           | BT4B328913G/HA1                   |                                   | 250                |
|          | 660. 000 | 450. 000      | 450. 000        | 4                    | 6                    | 8580                     | 22400 | IFTB0095                |                      | 0. 30 | 2. 3           | 3. 4           | 2. 2           | BT4B329007/HA1                    |                                   | 460                |
| 479. 425 | 679. 450 | 495. 300      | 495. 300        | 3. 3                 | 6. 4                 | 9350                     | 22500 | IFTB0096                | 479. 425             | 0. 33 | 2. 0           | 3. 0           | 2. 0           | 330886B                           | M272749DW/10/10D                  | 605                |

Four-row Taper Roller Bearing(Inch Series)

WSW

| 外形尺寸mm   |          |               |                 |                      |                      | 基本载荷KN |       | 轴承代号<br>Bearing Numbers | Bore Size<br>mm<br>d | 计算参数  |                |                |                | 参考国外轴承代号        |                                   | 参考重量<br>Mass<br>kg |
|----------|----------|---------------|-----------------|----------------------|----------------------|--------|-------|-------------------------|----------------------|-------|----------------|----------------|----------------|-----------------|-----------------------------------|--------------------|
| d        | D        | Boundary<br>T | Dimensions<br>B | r <sub>1, 2min</sub> | r <sub>3, 4min</sub> | Cr     | Cor   |                         |                      | e     | Y <sub>1</sub> | Y <sub>2</sub> | Y <sub>0</sub> | SKF             | Reference Models Abroad<br>TIMKEN |                    |
| 482. 600 | 615. 950 | 330. 200      | 330. 200        | 6. 4                 | 6. 4                 | 5120   | 15300 | IFTB0097                | 482. 600             | 0. 33 | 2. 0           | 3. 0           | 2. 0           | 332096          | LM272249DW/10/10D                 | 245                |
|          | 615. 950 | 330. 200      | 419. 100        | 3. 5                 | 6. 4                 | 5120   | 15300 | IFTB0098                |                      | 0. 33 | 2. 0           | 3. 0           | 2. 0           | BT4B331626A/HA1 | LM272249DWA/10/10D                | 265                |
|          | 630. 000 | 420. 000      | 420. 000        | 3. 3                 | 6. 4                 | 6600   | 19300 | IFTB0099                |                      | 0. 33 | 2. 0           | 3. 0           | 2. 0           | BT4B328773G/HA1 |                                   | 345                |
|          | 647. 700 | 417. 512      | 417. 512        | 3. 3                 | 6. 4                 | 7210   | 20000 | IFTB0100                |                      | 0. 33 | 2. 0           | 3. 0           | 2. 0           | 331259          | M272647DGW/10/10D                 | 400                |
| 488. 950 | 622. 300 | 365. 125      | 365. 125        | 3                    | 3                    | 5610   | 17300 | IFTB0101                | 488. 950             | 0. 35 | 1. 9           | 2. 9           | 1. 8           | BT4B328391G/HA1 |                                   | 265                |
| 489. 026 | 634. 873 | 320. 675      | 320. 675        | 3. 3                 | 3. 3                 | 5120   | 14600 | IFTB0102                | 489. 026             | 0. 35 | 1. 9           | 2. 9           | 1. 8           | 331090A         | LM772749DW/10/10D                 | 270                |
| 500. 000 | 720. 000 | 400. 000      | 400. 000        | 3                    | 6                    | 8250   | 20400 | IFTB0103                | 500. 000             | 0. 35 | 1. 9           | 2. 9           | 1. 8           | BT4B328524/HA1  |                                   | 550                |
| 501. 650 | 673. 100 | 387. 350      | 400. 050        | 3. 3                 | 6. 4                 | 7210   | 19300 | IFTB0104                | 501. 650             | 0. 31 | 2. 2           | 3. 3           | 2. 2           | BT4B331499G/HA1 | EE641198DGW/265/266D              | 395                |
|          | 711. 200 | 520. 700      | 520. 700        | 3. 3                 | 6. 4                 | 10200  | 27500 | IFTB0105                |                      | 0. 33 | 2. 0           | 3. 0           | 2. 0           | 331081A         | M274149DW/10/10D                  | 755                |
| 508. 000 | 762. 000 | 463. 550      | 463. 550        | 6. 4                 | 6. 4                 | 10100  | 23200 | IFTB0106                | 508. 000             | 0. 37 | 1. 8           | 2. 7           | 1. 8           | 332131          | EE531201DGW/300/301XD             | 730                |
| 510. 000 | 655. 000 | 379. 000      | 377. 000        | 1. 5                 | 6. 4                 | 6270   | 19000 | IFTB0107                | 510. 000             | 0. 33 | 2. 0           | 3. 0           | 2. 0           | BT4B331747A     |                                   | 330                |
| 514. 350 | 673. 100 | 422. 275      | 422. 275        | 3. 3                 | 6. 4                 | 7210   | 21600 | IFTB0108                | 514. 350             | 0. 31 | 2. 2           | 3. 3           | 2. 2           | 331157A         | LM274449DW/10/10D                 | 410                |
| 519. 112 | 736. 600 | 536. 575      | 536. 575        | 3. 3                 | 6. 4                 | 11400  | 31000 | IFTB0109                | 519. 112             | 0. 33 | 2. 0           | 3. 0           | 2. 0           | 331078A         | M275349D/10/10D                   | 755                |
| 520. 700 | 711. 200 | 400. 050      | 400. 050        | 3. 3                 | 6. 4                 | 7480   | 19600 | IFTB0110                | 520. 700             | 0. 33 | 2. 0           | 3. 0           | 2. 0           | BT4B331243A/HA1 | LM275349DGW/10/10D                | 460                |
| 536. 575 | 761. 873 | 558. 800      | 558. 800        | 3. 3                 | 6. 4                 | 11700  | 32000 | IFTB0111                | 536. 575             | 0. 33 | 2. 0           | 3. 0           | 2. 0           | BT4B331174/HA1  | M276449ADW/10/10D                 | 835                |
| 540. 000 | 690. 000 | 400. 000      | 400. 000        | 3                    | 6                    | 5720   | 16300 | IFTB0112                | 540. 000             | 0. 33 | 2. 0           | 3. 0           | 2. 0           | 331978          |                                   | 375                |
|          | 690. 000 | 400. 000      | 434. 000        | 1                    | 5                    | 5720   | 16300 | IFTB0113                |                      | 0. 33 | 2. 0           | 3. 0           | 2. 0           | BT4B334038G/HA3 |                                   | 400                |
| 558. 800 | 736. 600 | 322. 268      | 322. 268        | 3. 3                 | 6. 4                 | 6270   | 16600 | IFTB0114                | 558. 800             | 0. 35 | 1. 9           | 2. 9           | 1. 8           | 331165A         | EE843220DW/90/91CD                | 375                |
|          | 736. 600 | 409. 575      | 409. 575        | 3. 3                 | 6. 4                 | 7650   | 22000 | IFTB0115                |                      | 0. 35 | 1. 9           | 2. 9           | 1. 8           | 330993BG        | LM377449DW/10/10CD                | 475                |
|          | 736. 600 | 457. 200      | 455. 612        | 3. 3                 | 6. 4                 | 8420   | 26000 | IFTB0116                |                      | 0. 33 | 2. 0           | 3. 0           | 2. 0           | BT4B331346A/HA1 | LM277149DA/10/10D                 | 545                |
| 560. 000 | 920. 000 | 618. 000      | 618. 000        | 7. 5                 | 7. 5                 | 16500  | 34000 | IFTB0117                | 560. 000             | 0. 40 | 1. 7           | 2. 5           | 1. 6           | BT4B328509/HA4  |                                   | 1700               |
| 571. 500 | 812. 800 | 593. 725      | 593. 725        | 3. 3                 | 6. 4                 | 12100  | 32000 | IFTB0118                | 571. 500             | 0. 33 | 2. 0           | 3. 0           | 2. 0           | 330529B         | M278749DW/10/10D                  | 1000               |
| 584. 200 | 730. 250 | 349. 250      | 342. 900        | 1. 5                 | 3. 3                 | 5500   | 17000 | IFTB0119                | 584. 200             | 0. 43 | 1. 6           | 2. 3           | 1. 6           | 331189          |                                   | 330                |
|          | 762. 000 | 401. 638      | 396. 875        | 3. 3                 | 6. 4                 | 7650   | 22400 | IFTB0120                |                      | 0. 48 | 1. 4           | 2. 1           | 1. 4           | 331148A         | LM778549DW/10/10D                 | 485                |
|          | 901. 700 | 539. 747      | 523. 080        | 3. 3                 | 9. 7                 | 13400  | 28000 | IFTB0121                |                      | 0. 33 | 2. 0           | 3. 0           | 2. 0           | BT4B328314G/HA1 | EE665231DGW/355/356D              | 1250               |

Four-row Taper Roller Bearing(Inch Series)

WSW

| 外形尺寸mm<br>Boundary Dimensions |          |         |         |                      |                      | 基本载荷KN<br>Basic Load Ratings |       | 轴承代号<br>Bearing Numbers | Bore Size<br>mm<br>d | 计算参数<br>Calculation Factors |                |                |                | 参考国外轴承代号<br>Reference Models Abroad |                      | 参考重量<br>Mass<br>kg |
|-------------------------------|----------|---------|---------|----------------------|----------------------|------------------------------|-------|-------------------------|----------------------|-----------------------------|----------------|----------------|----------------|-------------------------------------|----------------------|--------------------|
| d                             | D        | T       | B       | r <sub>1, 2min</sub> | r <sub>3, 4min</sub> | Cr                           | Cor   |                         |                      | e                           | Y <sub>1</sub> | Y <sub>2</sub> | Y <sub>0</sub> | SKF                                 | TIMKEN               |                    |
| 585.788                       | 771.525  | 479.425 | 479.425 | 3.3                  | 6.4                  | 9900                         | 30000 | IFTB0122                | 585.788              | 0.33                        | 2.0            | 3.0            | 2.0            | 331093A                             | LM278849D/10/10D     | 625                |
| 595.312                       | 844.550  | 615.950 | 615.950 | 3.3                  | 6.4                  | 13400                        | 36500 | IFTB0123                | 595.312              | 0.33                        | 2.0            | 3.0            | 2.0            | 331300                              | M280049D/10/10D      | 1115               |
| 596.900                       | 980.000  | 609.600 | 604.838 | 6.4                  | 12.7                 | 16800                        | 36500 | IFTB0124                | 596.900              | 0.40                        | 1.7            | 2.5            | 1.6            | 331566                              |                      | 1920               |
| 600.000                       | 870.000  | 488.000 | 488.000 | 3                    | 6                    | 12500                        | 29000 | IFTB0125                | 600.000              | 0.33                        | 2.0            | 3.0            | 2.0            | BT4B328350G/HA1                     |                      | 940                |
| 603.250                       | 857.250  | 622.300 | 622.300 | 3.3                  | 6.4                  | 14700                        | 40500 | IFTB0126                | 603.250              | 0.33                        | 2.0            | 3.0            | 2.0            | 331625                              | M280249DGW/10/10XD   | 1235               |
| 609.600                       | 787.400  | 361.950 | 361.950 | 3.3                  | 6.4                  | 7370                         | 21200 | IFTB0127                | 609.600              | 0.37                        | 1.8            | 2.7            | 1.8            | 331175A                             | EE649242DW/310/311CD | 455                |
|                               | 813.562  | 479.425 | 479.425 | 3.3                  | 6.4                  | 10600                        | 30500 | IFTB0128                |                      | 0.33                        | 2.0            | 3.0            | 2.0            | 331925                              | LM280249DW/10/10D    | 715                |
|                               | 863.600  | 660.400 | 660.400 | 3.3                  | 6.4                  | 15100                        | 41500 | IFTB0129                |                      | 0.31                        | 2.2            | 3.3            | 2.2            | 332391                              | M280349D/10/10D      | 1240               |
| 620.000                       | 800.000  | 363.500 | 363.500 | 3                    | 6                    | 7480                         | 21600 | IFTB0130                | 620.000              | 0.37                        | 1.8            | 2.7            | 1.8            | BT4B328510/HA1                      |                      | 465                |
| 635.000                       | 901.700  | 654.050 | 654.050 | 3.3                  | 6.4                  | 15700                        | 45000 | IFTB0131                | 635.000              | 0.33                        | 2.0            | 3.0            | 2.0            | 330990A                             | M281049D/10/10D      | 1420               |
| 646.112                       | 857.250  | 542.925 | 542.925 | 3.3                  | 6.4                  | 12100                        | 36500 | IFTB0132                | 646.112              | 0.33                        | 2.0            | 3.0            | 2.0            | BT4B332671/HA1                      | LM281049DW/10/10D    | 875                |
| 650.000                       | 915.000  | 674.000 | 674.000 | 3.3                  | 6.4                  | 16100                        | 45000 | IFTB0133                | 650.000              | 0.33                        | 2.0            | 3.0            | 2.0            | 332307                              | M281349DGW/10/10D    | 1430               |
|                               | 1030.000 | 560.000 | 560.000 | 15                   | 10                   | 16500                        | 36500 | IFTB0134                |                      | 0.31                        | 2.2            | 3.3            | 2.2            | BT4B332827AG/HA1                    |                      | 1830               |
| 657.225                       | 933.450  | 676.275 | 676.275 | 3.3                  | 6.4                  | 17200                        | 49000 | IFTB0135                | 657.225              | 0.33                        | 2.0            | 3.0            | 2.0            | 330824A                             | M281649D/10/10D      | 1575               |
| 685.800                       | 876.300  | 355.600 | 352.425 | 3.3                  | 6.4                  | 6160                         | 17000 | IFTB0136                | 660.000              | 0.35                        | 1.9            | 2.9            | 1.8            | BT4B331065AG/HA4                    | EE749259DGW/334/335D | 490                |
|                               | 876.300  | 355.600 | 434.975 | 3.3                  | 6.4                  | 7040                         | 18600 | IFTB0137                |                      | 0.35                        | 1.9            | 2.9            | 1.8            | BT4B328511/HA1                      |                      | 490                |
| 660.400                       | 812.800  | 365.125 | 365.125 | 3.3                  | 6.4                  | 6710                         | 22400 | IFTB0138                | 660.400              | 0.33                        | 2.0            | 3.0            | 2.0            | 331190                              | L281149D/10/10CD     | 420                |
| 676.000                       | 910.000  | 620.000 | 620.000 | 4                    | 8                    | 14200                        | 41500 | IFTB0139                | 676.000              | 0.33                        | 2.0            | 3.0            | 2.0            | BT4B332906/HA4                      |                      | 1150               |
| 679.450                       | 901.700  | 552.450 | 552.450 | 3.3                  | 6.4                  | 12300                        | 36500 | IFTB0140                | 679.450              | 0.33                        | 2.0            | 3.0            | 2.0            | 331700                              | LM281849DW/10/10D    | 975                |
| 682.625                       | 965.200  | 701.675 | 701.675 | 3.3                  | 6.4                  | 17600                        | 50000 | IFTB0141                | 682.625              | 0.33                        | 2.0            | 3.0            | 2.0            | 331503G/HA1                         | M282249D/10/10D      | 1750               |
| 685.800                       | 876.300  | 355.600 | 352.425 | 3.3                  | 6.4                  | 7210                         | 22000 | IFTB0142                | 685.800              | 0.43                        | 1.6            | 2.3            | 1.6            | 331089                              | EE655271D/345/346D   | 530                |
|                               | 876.300  | 355.600 | 434.975 | 3.3                  | 6.4                  | 7210                         | 22000 | IFTB0143                |                      | 0.43                        | 1.6            | 2.3            | 1.6            | BT4B328704G/HA1                     | EE655271DWA/345/346D | 580                |
| 708.025                       | 930.275  | 565.150 | 565.150 | 3.3                  | 6.4                  | 13000                        | 39000 | IFTB0144                | 708.025              | 0.33                        | 2.0            | 3.0            | 2.0            | BT4B332098A/HA4                     | LM282549D/10/10D     | 1030               |
| 710.000                       | 900.000  | 410.000 | 410.000 | 3                    | 6                    | 8800                         | 26500 | IFTB0145                | 710.000              | 0.35                        | 1.9            | 2.9            | 1.8            | 331351                              | L882449DGW/10/10D    | 660                |
| 711.200                       | 914.400  | 317.500 | 317.500 | 3.3                  | 6.4                  | 7040                         | 19300 | IFTB0146                | 711.200              | 0.37                        | 1.8            | 2.7            | 1.8            | 330882C                             | EE755281D/360/361CD  | 525                |

Four-row Taper Roller Bearing(Inch Series)

WSW

| 外形尺寸mm    |           |               |                 |                      |                      | 基本载荷KN |       | 轴承代号<br>Bearing Numbers | Bore Size<br>mm<br>d | 计算参数  |                |                |                | 参考国外轴承代号         |                                   | 参考重量<br>Mass<br>kg |
|-----------|-----------|---------------|-----------------|----------------------|----------------------|--------|-------|-------------------------|----------------------|-------|----------------|----------------|----------------|------------------|-----------------------------------|--------------------|
| d         | D         | Boundary<br>T | Dimensions<br>B | r <sub>1, 2min</sub> | r <sub>3, 4min</sub> | Cr     | Cor   |                         |                      | e     | Y <sub>1</sub> | Y <sub>2</sub> | Y <sub>0</sub> | SKF              | Reference Models Abroad<br>TIMKEN |                    |
| 714. 375  | 1016. 000 | 704. 850      | 704. 850        | 3. 3                 | 6. 4                 | 18700  | 53000 | IFTB0147                | 714. 375             | 0. 35 | 1. 9           | 2. 9           | 1. 8           | BT4B331358/HA4   | M383240D/10/10D                   | 1950               |
| 717. 550  | 946. 150  | 565. 150      | 565. 150        | 3. 3                 | 6. 4                 | 13400  | 40500 | IFTB0148                | 717. 550             | 0. 33 | 2. 0           | 3. 0           | 2. 0           | 332244           | LM282847DW/10/10D                 | 1900               |
| 730. 000  | 940. 000  | 500. 000      | 500. 000        | 3. 5                 | 8                    | 12100  | 36000 | IFTB0149                | 730. 000             | 0. 35 | 1. 9           | 2. 9           | 1. 8           | 331752           |                                   | 925                |
| 730. 250  | 1035. 050 | 755. 650      | 755. 650        | 3. 3                 | 6. 4                 | 20500  | 58500 | IFTB0150                | 730. 250             | 0. 33 | 2. 0           | 3. 0           | 2. 0           | 330803A          | M283449DW/10/10D                  | 2170               |
| 749. 300  | 990. 600  | 605. 000      | 605. 000        | 3. 3                 | 6. 4                 | 15000  | 45500 | IFTB0151                | 749. 300             | 0. 33 | 2. 0           | 3. 0           | 2. 0           | 331616           | LM283649D/10/10D                  | 1250               |
|           | 1066. 800 | 736. 600      | 723. 900        | 25. 4*20°            | 12. 7                | 20500  | 58500 | IFTB0152                |                      | 0. 33 | 2. 0           | 3. 0           | 2. 0           | 331094A          | EE325296D/420/421XD               | 2250               |
| 750. 000  | 1130. 000 | 690. 000      | 690. 000        | 4                    | 7. 5                 | 20100  | 46500 | IFTB0153                | 750. 000             | 0. 48 | 1. 4           | 2. 1           | 1. 4           | BT4B328376/HA4   |                                   | 2430               |
| 762. 000  | 1066. 800 | 736. 600      | 723. 900        | 8                    | 12. 7                | 20500  | 58500 | IFTB0154                | 762. 000             | 0. 33 | 2. 0           | 3. 0           | 2. 0           | 331907           | M284148DW/11/10D                  | 2145               |
|           | 1079. 500 | 787. 400      | 787. 400        | 4. 8                 | 12. 7                | 22400  | 65500 | IFTB0155                |                      | 0. 33 | 2. 0           | 3. 0           | 2. 0           | 330676B          | M284249DW/10/10D                  | 2480               |
| 812. 800  | 1143. 000 | 768. 350      | 768. 350        | 6. 4                 | 12. 7                | 22000  | 63000 | IFTB0156                | 812. 800             | 0. 33 | 2. 0           | 3. 0           | 2. 0           | 331248           |                                   | 2590               |
| 825. 500  | 1168. 400 | 844. 550      | 844. 550        | 4. 8                 | 12. 7                | 26000  | 76500 | IFTB0157                | 825. 500             | 0. 33 | 2. 0           | 3. 0           | 2. 0           | BT4B331066A/HA4  | M285848DW/10/10D                  | 3050               |
| 850. 000  | 1360. 000 | 910. 000      | 910. 000        | 6                    | 12                   | 34700  | 83000 | IFTB0158                | 850. 000             | 0. 35 | 1. 9           | 2. 9           | 1. 8           | 331069           |                                   | 5440               |
| 863. 600  | 1130. 300 | 644. 525      | 717. 550        | 9. 7                 | 3. 3                 | 19800  | 62000 | IFTB0159                | 863. 600             | 0. 33 | 2. 0           | 3. 0           | 2. 0           | BT4B332571/HA4   |                                   | 2100               |
|           | 1130. 300 | 669. 925      | 669. 925        | 4. 8                 | 12. 7                | 19800  | 62000 | IFTB0160                |                      | 0. 33 | 2. 0           | 3. 0           | 2. 0           | BT4B331123B      | LM286248DW/10/10D                 | 1900               |
|           | 1169. 987 | 844. 550      | 844. 550        | 4. 8                 | 12. 7                | 23800  | 76500 | IFTB0161                |                      | 0. 33 | 2. 0           | 3. 0           | 2. 0           | BT4B332967/HA4   |                                   | 2700               |
|           | 1181. 100 | 666. 750      | 666. 750        | 4. 8                 | 12. 7                | 20900  | 57000 | IFTB0162                |                      | 0. 33 | 2. 0           | 3. 0           | 2. 0           | BT4B331649/HA4   | LM286449D/10/10D                  | 2150               |
|           | 1219. 200 | 889. 000      | 876. 300        | 4. 8                 | 12. 7                | 28100  | 81500 | IFTB0163                |                      | 0. 33 | 2. 0           | 3. 0           | 2. 0           | BT4B330742A/HA4  | EE547341D/480/481D                | 3470               |
| 887. 888  | 1220. 000 | 844. 550      | 844. 550        | 4. 8                 | 12. 7                | 26000  | 76500 | IFTB0164                | 887. 888             | 0. 33 | 2. 0           | 3. 0           | 2. 0           | BT4B332981/HA4   | LM286749D/711                     | 3080               |
| 889. 000  | 1219. 200 | 784. 225      | 880. 000        | 9. 7                 | 3. 3                 | 27000  | 78000 | IFTB0165                | 889. 000             | 0. 33 | 2. 0           | 3. 0           | 2. 0           | BT4B332602/HA4   |                                   | 3340               |
| 901. 700  | 1295. 400 | 914. 400      | 901. 700        | 4. 8                 | 12. 7                | 30800  | 86500 | IFTB0166                | 901. 700             | 0. 33 | 2. 0           | 3. 0           | 2. 0           | 330903A          | EE634356D/510/510D                | 4170               |
| 938. 213  | 1270. 000 | 825. 500      | 825. 500        | 4. 8                 | 12. 7                | 26000  | 81500 | IFTB0167                | 938. 213             | 0. 35 | 1. 9           | 2. 9           | 1. 8           | 330726A          | LM287649D/10/10D                  | 3230               |
| 939. 800  | 1333. 500 | 952. 500      | 952. 500        | 4. 8                 | 12. 7                | 31900  | 95000 | IFTB0168                | 939. 800             | 0. 33 | 2. 0           | 3. 0           | 2. 0           | BT4B330944AG/HA4 | LM287849DW/10/10D                 | 4510               |
| 1001. 000 | 1360. 000 | 800. 000      | 800. 000        | 12                   | 12. 7                | 27500  | 81500 | IFTB0169                | 1001. 000            | 0. 31 | 2. 2           | 3. 3           | 2. 2           | BT4B334031/HA1   |                                   | 3390               |
| 1003. 300 | 1358. 900 | 800. 100      | 800. 100        | 4. 8                 | 12. 7                | 27500  | 81500 | IFTB0170                | 1003. 300            | 0. 31 | 2. 2           | 3. 3           | 2. 2           | BT4B331372/HA4   |                                   | 3450               |
| 1004. 634 | 1308. 100 | 730. 250      | 812. 800        | 12. 7                | 3. 3                 | 24600  | 76500 | IFTB0171                | 1004. 634            | 0. 33 | 2. 0           | 3. 0           | 2. 0           | BT4B332720/HA4   |                                   | 3060               |

Four-row Taper Roller Bearing(Inch Series)

WSW

| 外形尺寸mm   |          |               |                 |                     |                     | 基本载荷KN                   |        | 轴承代号<br>Bearing Numbers | Bore Size<br>mm<br>d | 计算参数 |                |                |                | 参考国外轴承代号        |                                   | 参考重量<br>Mass<br>kg |
|----------|----------|---------------|-----------------|---------------------|---------------------|--------------------------|--------|-------------------------|----------------------|------|----------------|----------------|----------------|-----------------|-----------------------------------|--------------------|
| d        | D        | Boundary<br>T | Dimensions<br>B | r <sub>1,2min</sub> | r <sub>3,4min</sub> | Basic Load Ratings<br>Cr | Cor    |                         |                      | e    | Y <sub>1</sub> | Y <sub>2</sub> | Y <sub>0</sub> | SKF             | Reference Models Abroad<br>TIMKEN |                    |
| 1070.000 | 1400.000 | 889.762       | 889.762         | 4                   | 12                  | 30300                    | 100000 | IFTB0172                | 1070.000             | 0.33 | 2.0            | 3.0            | 2.0            | BT4B328100/HA4  | JLM288449DW/410                   | 3730               |
| 1080.000 | 1450.000 | 950.000       | 950.000         | 5                   | 12                  | 33600                    | 108000 | IFTB0173                | 1080.000             | 0.33 | 2.0            | 3.0            | 2.0            | BT4B331559/HA4  |                                   | 4450               |
| 1139.825 | 1509.712 | 923.925       | 923.925         | 4.8                 | 12.7                | 33600                    | 108000 | IFTB0174                | 1139.825             | 0.31 | 2.2            | 3.3            | 2.2            | BT4B331334/HA4  |                                   | 4840               |
| 1200.150 | 1593.850 | 990.600       | 990.600         | 4.8                 | 12.7                | 38000                    | 125000 | IFTB0175                | 1200.150             | 0.33 | 2.0            | 3.0            | 2.0            | 331440          | LM288949D/10/10D                  | 5635               |
| 1250.000 | 1550.000 | 890.000       | 890.000         | 5                   | 12                  | 30300                    | 114000 | IFTB0176                | 1250.000             | 0.33 | 2.0            | 3.0            | 2.0            | BT4B328819G/HA1 |                                   | 3820               |

Four-row Taper Roller Bearing(Seal Series)

WSW

| 外形尺寸mm  |         |         |                          |                |                |                     |                     | 轴承代号<br>Bearing Numbers | Bore<br>Size<br>mm<br>d | 基本载荷KN                               |                 | 计算参数 |                |                |                | 参考国外轴承代号                |               | 参考重量<br>Mass<br>kg |
|---------|---------|---------|--------------------------|----------------|----------------|---------------------|---------------------|-------------------------|-------------------------|--------------------------------------|-----------------|------|----------------|----------------|----------------|-------------------------|---------------|--------------------|
| d       | D       | T       | Boundary Dimensions<br>B | d <sub>1</sub> | D <sub>1</sub> | r <sub>1,2min</sub> | r <sub>3,4min</sub> |                         |                         | Basic Load Ratings<br>C <sub>r</sub> | C <sub>or</sub> | e    | Y <sub>1</sub> | Y <sub>2</sub> | Y <sub>0</sub> | Reference Models<br>SKF | Abroad<br>FAG |                    |
| 152.400 | 244.475 | 187.325 | 192.088                  | 170            | 218            | 1.0                 | 3.3                 | SFTB0001                | 152.400                 | 1300                                 | 2160            | 0.33 | 2.0            | 3.0            | 2.0            | BT4B329121G/HA1VA901    |               | 30.0               |
| 203.200 | 317.500 | 266.700 | 266.700                  | 230            | 282            | 2.5                 | 3.3                 | SFTB0002                | 203.200                 | 2460                                 | 4900            | 0.31 | 2.2            | 3.3            | 2.2            | BT4B329123G/HA1VA901    | 577254        | 76.0               |
| 206.375 | 282.575 | 226.000 | 226.000                  | 220            | 258            | 0.6                 | 3.3                 | SFTB0003                | 206.375                 | 1300                                 | 3350            | 0.50 | 1.4            | 2.0            | 1.3            | BT4B329090G/HA1VA901    |               | 40.0               |
| 220.000 | 295.000 | 315.000 | 315.000                  | 236            | 272            | 0.6                 | 2.5                 | SFTB0004                | 220.000                 | 1510                                 | 4050            | 0.40 | 1.7            | 2.5            | 1.6            | BT4B328853G/HA1VA902    |               | 55.0               |
| 220.662 | 314.325 | 239.712 | 239.712                  | 241            | 279            | 1.5                 | 3.3                 | SFTB0005                | 220.662                 | 1790                                 | 3800            | 0.35 | 1.9            | 2.9            | 1.8            | BT4B328546G/HA1         |               | 56.0               |
| 228.600 | 400.050 | 296.875 | 296.875                  | 265            | 346            | 2.5                 | 3.3                 | SFTB0006                | 228.600                 | 3360                                 | 5700            | 0.44 | 1.5            | 2.3            | 1.4            | BT4B328918G/HA1VA901    |               | 148                |
| 240.000 | 338.000 | 340.000 | 340.000                  | 260            | 306            | 1.5                 | 4.0                 | SFTB1007                | 240.000                 | 2380                                 | 5500            | 0.40 | 1.7            | 2.5            | 1.6            | BT4B328854G/HA1VA902    |               | 88.0               |
| 241.478 | 349.148 | 228.600 | 228.600                  | 265            | 317            | 1.5                 | 3.3                 | SFTB0007                | 241.478                 | 1900                                 | 3650            | 0.35 | 1.9            | 2.9            | 1.8            | BT4B328668G/HA1         | 573331        | 64.0               |
| 254.000 | 358.775 | 269.875 | 269.875                  | 272            | 320            | 1.5                 | 3.3                 | SFTB0008                | 254.000                 | 2330                                 | 5400            | 0.33 | 2.0            | 3.0            | 2.0            | BT4B329071G/HA1VA901    | 578140        | 84.0               |
| 260.000 | 365.000 | 340.000 | 340.000                  | 280            | 327            | 2.5                 | 3.5                 | SFTB0009                | 260.000                 | 3140                                 | 8000            | 0.35 | 1.9            | 2.9            | 1.8            | BT4B329093G/HA1VA902    |               | 112                |
| 266.700 | 355.600 | 228.600 | 230.188                  | 285            | 330            | 1.5                 | 3.3                 | SFTB0010                | 266.700                 | 1720                                 | 4150            | 0.35 | 1.9            | 2.9            | 1.8            | BT4B328468G/HA1         | 546485        | 68.0               |
| 276.225 | 393.700 | 269.875 | 269.875                  | 302            | 358            | 1.0                 | 6.4                 | SFTB0011                | 276.225                 | 2750                                 | 5850            | 0.37 | 1.8            | 2.7            | 1.8            | BT4B328920G/HA1VA901    | 567712        | 96.0               |
| 279.400 | 393.700 | 269.875 | 269.875                  | 302            | 358            | 1.0                 | 6.4                 | SFTB0012                | 279.400                 | 2750                                 | 5850            | 0.37 | 1.8            | 2.7            | 1.8            | BT4B328917G/HA1VA901    | 575940        | 69.0               |
| 280.000 | 395.000 | 340.000 | 340.000                  | 302            | 358            | 2.5                 | 3.5                 | SFTB0013                | 280.000                 | 3580                                 | 8650            | 0.33 | 2.0            | 3.0            | 2.0            | BT4B329092G/HA1VA901    |               | 128                |
| 285.750 | 380.898 | 244.475 | 244.475                  | 303            | 344            | 1.0                 | 3.3                 | SFTB0014                | 285.750                 | 2200                                 | 5500            | 0.43 | 1.6            | 2.3            | 1.6            | BT4B328878G/HA1VA901    | 564701A       | 74.0               |
| 300.000 | 440.000 | 279.400 | 280.990                  | 334            | 393            | 3.3                 | 4.8                 | SFTB0015                | 300.000                 | 3080                                 | 6700            | 0.46 | 1.5            | 2.2            | 1.4            | BT4B334126G/HA1VA901    |               | 137                |
| 304.648 | 438.048 | 279.400 | 280.990                  | 334            | 393            | 2.0                 | 4.8                 | SFTB0016                | 304.648                 | 3080                                 | 6700            | 0.46 | 1.5            | 2.2            | 1.4            | BT4B334408G/HA1VA901    | 579080        | 129                |
| 304.800 | 419.100 | 269.875 | 269.875                  | 328            | 380            | 1.0                 | 6.4                 | SFTB0017                | 304.800                 | 2860                                 | 6950            | 0.35 | 1.9            | 2.9            | 1.8            | BT4B329067G/HA1VA901    | 567935        | 108                |
| 304.902 | 412.648 | 266.700 | 266.700                  | 328            | 374            | 1.0                 | 3.3                 | SFTB0018                | 304.902                 | 2510                                 | 6100            | 0.33 | 2.0            | 3.0            | 2.0            | BT4B328278G/HA1         | 567163        | 98.0               |
| 305.000 | 438.048 | 279.400 | 280.990                  | 334            | 393            | 2.0                 | 4.8                 | SFTB0019                | 305.000                 | 3080                                 | 6700            | 0.46 | 1.5            | 2.2            | 1.4            | BT4B334076G/HA1VA901    | 564887        | 129                |
| 317.500 | 422.275 | 269.875 | 269.875                  | 338            | 388            | 1.5                 | 3.3                 | SFTB0020                | 317.500                 | 2640                                 | 6550            | 0.33 | 2.0            | 3.0            | 2.0            | BT4B334023G/HA1VA901    | 581035        | 98.0               |
| 333.375 | 469.900 | 342.900 | 342.900                  | 362            | 426            | 2.5                 | 3.3                 | SFTB0021                | 333.375                 | 4290                                 | 10400           | 0.33 | 2.0            | 3.0            | 2.0            | BT4B328921G/HA1VA901    |               | 182                |
| 343.052 | 457.098 | 254.000 | 254.000                  | 362            | 420            | 1.0                 | 3.3                 | SFTB0022                | 343.052                 | 2700                                 | 6400            | 0.48 | 1.4            | 2.9            | 1.4            | BT4B328817G/HA1VA901    | 564672A       | 109                |
| 355.600 | 482.600 | 269.875 | 265.112                  | 380            | 436            | 1.5                 | 3.3                 | SFTB0023                | 355.600                 | 3080                                 | 7500            | 0.46 | 1.5            | 2.2            | 1.4            | BT4B328870G/HA1VA901    | 567934        | 136                |
| 385.762 | 514.350 | 317.500 | 317.500                  | 412            | 470            | 1.0                 | 3.3                 | SFTB0024                | 385.762                 | 3910                                 | 10000           | 0.40 | 1.7            | 2.5            | 1.6            | BT4B334042G/HA1VA901    | 573580        | 174                |

Four-row Taper Roller Bearing(Seal Series)

WSW

| 外形尺寸mm              |         |         |         |                |                |                      |                      | 轴承代号<br>Bearing Numbers | Bore<br>Size<br>mm | 基本载荷KN             |       | 计算参数                |                |                |                | 参考国外轴承代号                |         | 参考重量<br>Mass<br>kg |
|---------------------|---------|---------|---------|----------------|----------------|----------------------|----------------------|-------------------------|--------------------|--------------------|-------|---------------------|----------------|----------------|----------------|-------------------------|---------|--------------------|
| Boundary Dimensions |         |         |         |                |                |                      |                      |                         |                    | Basic Load Ratings |       | Calculation Factors |                |                |                | Reference Models Abroad |         |                    |
| d                   | D       | T       | B       | d <sub>1</sub> | D <sub>1</sub> | r <sub>1, 2min</sub> | r <sub>3, 4min</sub> |                         |                    | Cr                 | Cor   | e                   | Y <sub>1</sub> | Y <sub>2</sub> | Y <sub>0</sub> | SKF                     | FAG     |                    |
| 406.400             | 546.100 | 288.925 | 288.925 | 434            | 498            | 1.5                  | 6.4                  | SFTB0025                | 406.400            | 3910               | 9500  | 0.48                | 1.4            | 2.1            | 1.4            | BT4B328838G/HA1VA901    | 572499  | 183                |
| 409.575             | 546.100 | 334.962 | 334.962 | 434            | 498            | 1.0                  | 6.4                  | SFTB0026                | 409.575            | 4570               | 12000 | 0.40                | 1.7            | 2.5            | 1.6            | BT4B329004G/HA1VA901    | 576482  | 210                |
| 415.925             | 590.550 | 434.975 | 434.975 | 450            | 530            | 3.3                  | 6.4                  | SFTB0027                | 415.925            | 7040               | 18000 | 0.33                | 2.0            | 3.0            | 2.0            | BT4B328893G/HA1VA901    | 576306  | 379                |
| 416.000             | 574.000 | 440.000 | 440.000 | 450            | 530            | 2.5                  | 5.0                  | SFTB0028                | 416.000            | 6050               | 17000 | 0.33                | 2.0            | 3.0            | 2.0            | BT4B334130G/HA1VA903    |         | 341                |
| 430.000             | 575.000 | 380.000 | 380.000 | 458            | 530            | 1.5                  | 5.0                  | SFTB0029                | 430.000            | 5230               | 14300 | 0.33                | 2.0            | 3.0            | 2.0            | BT4B334095G/HA1VA901    |         | 267                |
| 440.000             | 590.000 | 480.000 | 480.000 | 468            | 539            | 1.0                  | 5.0                  | SFTB0030                | 440.000            | 7040               | 19200 | 0.28                | 2.4            | 3.6            | 2.5            | BT4B334055G/HA1VA902    | 575693  | 371                |
| 450.000             | 595.000 | 398.000 | 398.000 | 480            | 554            | 2.0                  | 6.0                  | SFTB0031                | 450.000            | 5500               | 16300 | 0.33                | 2.0            | 3.0            | 2.0            | BT4B328846G/HA1VA901    |         | 301                |
| 457.200             | 596.900 | 279.400 | 276.225 | 484            | 550            | 1.5                  | 3.3                  | SFTB0032                | 457.200            | 3960               | 10000 | 0.48                | 1.4            | 2.1            | 1.4            | BT4B328827G/HA1VA901    | 567523  | 191                |
| 460.000             | 610.000 | 360.000 | 360.000 | 488            | 555            | 3.0                  | 6.0                  | SFTB0033                | 460.000            | 5120               | 12900 | 0.37                | 1.8            | 2.7            | 1.8            | BT4B328727G/HA1VA901    |         | 270                |
| 475.000             | 600.000 | 368.000 | 368.000 | 498            | 560            | 2.0                  | 6.0                  | SFTB0034                | 475.000            | 4730               | 14000 | 0.33                | 2.0            | 3.0            | 2.0            | BT4B334078G/HA1VA901    |         | 235                |
| 479.425             | 679.450 | 495.300 | 495.300 | 360            | 420            | 3.3                  | 6.4                  | SFTB0035                | 479.425            | 8580               | 22400 | 0.33                | 2.0            | 3.0            | 2.0            | BT4B334116G/HA1VA901    | 572067  | 565                |
| 482.600             | 615.950 | 330.200 | 330.200 | 505            | 577            | 1.0                  | 6.4                  | SFTB0036                | 482.600            | 4950               | 13700 | 0.33                | 2.0            | 3.0            | 2.0            | BT4B328842G/HA1VA901    | 564694A | 232                |
| 489.026             | 634.873 | 320.675 | 320.675 | 516            | 588            | 1.0                  | 3.3                  | SFTB0037                | 489.026            | 4840               | 12500 | 0.37                | 1.8            | 2.7            | 1.8            | BT4B334014G/HA1VA901    | 572123  | 248                |
| 510.000             | 655.000 | 379.000 | 377.000 | 536            | 594            | 1.5                  | 6.4                  | SFTB0038                | 510.000            | 5720               | 16300 | 0.35                | 1.9            | 2.9            | 1.8            | BT4B334022G/HA1VA901    |         | 311                |
| 540.000             | 690.000 | 434.000 | 434.000 | 565            | 636            | 2.0                  | 5.0                  | SFTB0039                | 540.000            | 7040               | 21200 | 0.33                | 2.0            | 3.0            | 2.0            | BT4B334028G/HA1VA901    |         | 392                |
| 558.800             | 736.600 | 322.262 | 322.262 | 595            | 685            | 1.5                  | 6.4                  | SFTB0040                | 558.800            | 5830               | 14300 | 0.35                | 1.9            | 2.9            | 1.8            | BT4B328864G/HA1VA901    | 575848  | 343                |
| 571.500             | 812.800 | 593.725 | 593.725 | 625            | 725            | 3.3                  | 6.4                  | SFTB0041                | 571.500            | 11900              | 33500 | 0.33                | 2.0            | 3.0            | 2.0            | BT4B334144G/HA1VA901    |         | 998                |
| 585.788             | 771.525 | 479.425 | 479.425 | 622            | 708            | 4.0                  | 6.4                  | SFTB0042                | 585.788            | 9520               | 27500 | 0.33                | 2.0            | 3.0            | 2.0            | BT4B328888G/HA1VA901    | 575824  | 596                |
| 609.600             | 787.400 | 361.950 | 361.950 | 645            | 735            | 3.3                  | 6.4                  | SFTB0043                | 609.600            | 6820               | 18600 | 0.37                | 1.8            | 2.7            | 1.8            | BT4B328871G/HA1VA901    | 572690  | 430                |
| 635.000             | 901.700 | 654.050 | 654.050 | 692            | 805            | 3.3                  | 6.4                  | SFTB0044                | 635.000            | 14500              | 41500 | 0.35                | 1.9            | 2.9            | 1.8            | BT4B334141G/HA1VA901    | 580638  | 1354               |
| 660.000             | 855.000 | 318.480 | 400.842 | 707            | 800            | 4.0                  | 5.0                  | SFTB1044                | 660.000            | 6270               | 17300 | 0.35                | 1.9            | 2.9            | 1.8            | BT4B334002G/HA1VA901    |         | 488                |
| 660.400             | 812.800 | 365.125 | 385.424 | 692            | 784            | 2.0                  | 6.4                  | SFTB1045                | 660.400            | 6600               | 20400 | 0.33                | 2.0            | 3.0            | 2.0            | BT4B328977G/HA1VA901    |         | 396                |
| 679.450             | 901.700 | 552.450 | 552.450 | 722            | 824            | 3.3                  | 6.4                  | SFTB0045                | 679.450            | 12100              | 36000 | 0.33                | 2.0            | 3.0            | 2.0            | BT4B334015G/HA1VA901    | 575037  | 975                |
| 682.625             | 965.200 | 701.675 | 701.675 | 740            | 860            | 3.3                  | 6.4                  | SFTB0046                | 682.625            | 17200              | 49000 | 0.35                | 1.9            | 2.9            | 1.8            | BT4B334060G/HA1VA901    |         | 651                |
| 685.800             | 876.300 | 355.600 | 352.425 | 730            | 818            | 3.3                  | 6.4                  | SFTB0047                | 685.800            | 7210               | 20000 | 0.37                | 1.8            | 2.7            | 1.8            | BT4B328955G/HA1VA901    | 572930  | 506                |

Four-row Taper Roller Bearing(Seal Series)

WSW

| 外形尺寸mm  |          |         |               |                              |                |                     |                     | 轴承代号<br>Bearing Numbers | Bore<br>Size<br>mm | 基本载荷KN                               |                 | 计算参数 |                |                |                | 参考国外轴承代号                |               | 参考重量<br>Mass<br>kg |
|---------|----------|---------|---------------|------------------------------|----------------|---------------------|---------------------|-------------------------|--------------------|--------------------------------------|-----------------|------|----------------|----------------|----------------|-------------------------|---------------|--------------------|
| d       | D        | T       | Boundary<br>B | Dimensions<br>d <sub>1</sub> | D <sub>1</sub> | r <sub>1,2min</sub> | r <sub>3,4min</sub> |                         |                    | Basic Load Ratings<br>C <sub>r</sub> | C <sub>or</sub> | e    | Y <sub>1</sub> | Y <sub>2</sub> | Y <sub>0</sub> | Reference Models<br>SKF | Abroad<br>FAG |                    |
| 710.000 | 900.000  | 410.000 | 410.000       | 753                          | 842            | 3.0                 | 6.0                 | SFTB0048                | 710.000            | 8250                                 | 24000           | 0.33 | 2.0            | 3.0            | 2.0            | BT4B334051G/HA1VA901    |               | 602                |
| 711.200 | 914.400  | 317.500 | 317.500       | 760                          | 852            | 2.5                 | 6.4                 | SFTB0049                | 711.200            | 6600                                 | 17300           | 0.37 | 1.8            | 2.7            | 1.8            | BT4B329010G/HA1VA901    |               | 490                |
| 749.300 | 990.600  | 605.000 | 605.000       | 801                          | 900            | 3.3                 | 6.4                 | SFTB0050                | 749.300            | 13200                                | 40500           | 0.37 | 1.8            | 2.7            | 1.8            | BT4B334082G/HA1VA901    |               | 1274               |
| 762.000 | 1079.500 | 787.400 | 784.400       | 825                          | 964            | 4.8                 | 12.7                | SFTB0051                | 762.000            | 21200                                | 61000           | 0.35 | 1.9            | 2.9            | 1.8            | BT4B334075G/HA1VA901    |               | 2248               |
| 825.500 | 1168.400 | 844.550 | 844.550       | 900                          | 1050           | 4.8                 | 12.7                | SFTB0052                | 825.500            | 24600                                | 73500           | 0.31 | 2.2            | 3.3            | 2.2            | BT4B334135G/HA1VA901    |               | 2958               |
| 863.600 | 1169.987 | 844.550 | 844.550       | 912                          | 1050           | 4.8                 | 12.7                | SFTB0053                | 863.600            | 23300                                | 71000           | 0.37 | 1.8            | 2.7            | 1.8            | BT4B334150G/HA4VA901    |               | 2630               |



Four-row Taper Roller Bearing(Non-spacer Series)

WSW

| 外形尺寸mm<br>Boundary Dimensions |         |         |         |                |                |                     |                     | 轴承代号<br>Bearing Numbers | Bore Size<br>mm<br>d | 基本载荷KN<br>Basic Load Ratings |       | 计算参数<br>Calculation Factors |                |                |                | 参考国外轴承代号<br>Reference Models Abroad |     | 参考重量<br>Mass<br>kg |
|-------------------------------|---------|---------|---------|----------------|----------------|---------------------|---------------------|-------------------------|----------------------|------------------------------|-------|-----------------------------|----------------|----------------|----------------|-------------------------------------|-----|--------------------|
| d                             | D       | T       | B       | d <sub>1</sub> | D <sub>1</sub> | r <sub>1,2min</sub> | r <sub>3,4min</sub> |                         |                      | Cr                           | Cor   | e                           | Y <sub>1</sub> | Y <sub>2</sub> | Y <sub>0</sub> | SKF                                 | FAG |                    |
| 260.350                       | 422.275 | 317.500 | 314.325 | 298            | 372            | 6.4                 | 3.3                 | FTWS0001                | 260.350              | 4460                         | 8000  | 0.33                        | 2.0            | 3.0            | 2.0            | BT4B331487BG/HA1                    |     | 165                |
| 292.100                       | 422.275 | 269.875 | 269.875 | 324            | 379            | 6.4                 | 3.3                 | FTWS0002                | 292.100              | 3800                         | 8000  | 0.31                        | 2.2            | 3.3            | 2.2            | BT4B331968BG/HA1                    |     | 125                |
| 304.800                       | 419.100 | 269.875 | 269.875 | 328            | 378            | 1.0                 | 6.4                 | FTWS0003                | 304.800              | 2920                         | 6700  | 0.31                        | 2.2            | 3.3            | 2.2            | BT4-8057G/HA1C300VA901              |     | 105                |
|                               | 495.300 | 342.900 | 342.900 | 350            | 440            | 2.0                 | 6.4                 | FTWS0004                |                      | 5120                         | 9300  | 0.40                        | 1.7            | 2.5            | 1.6            | BT4-8061G/HA1C400VA901              |     | 245                |
| 304.902                       | 412.648 | 266.700 | 266.700 | 325            | 374            | 3.3                 | 3.3                 | FTWS0005                | 304.902              | 3190                         | 7500  | 0.31                        | 2.2            | 3.3            | 2.2            | BT4-0004G/HA1                       |     | 100                |
| 317.500                       | 422.275 | 269.875 | 269.875 | 342            | 384            | 1.5                 | 3.3                 | FTWS0006                | 317.500              | 3360                         | 8150  | 0.31                        | 2.2            | 3.3            | 2.2            | 330870BG                            |     | 105                |
|                               | 422.275 | 269.875 | 269.875 | 338            | 389            | 1.5                 | 3.3                 | FTWS0007                |                      | 3250                         | 6550  | 0.33                        | 2.0            | 3.0            | 2.0            | BT4B334023E1/C675                   |     | 94.5               |
|                               | 447.675 | 327.025 | 327.025 | 340            | 398            | 3.3                 | 3.3                 | FTWS0008                |                      | 4730                         | 10800 | 0.33                        | 2.0            | 3.0            | 2.0            | BT4B331161BG/HA1                    |     | 165                |
| 330.302                       | 438.023 | 254.000 | 247.650 | 354            | 394            | 1.5                 | 3.3                 | FTWS0009                | 330.302              | 2810                         | 7350  | 0.46                        | 1.5            | 2.2            | 1.4            | BT4B331664AG/HA1                    |     | 105                |
| 333.375                       | 469.900 | 342.900 | 342.900 | 362            | 420            | 3.3                 | 3.3                 | FTWS0010                | 333.375              | 4130                         | 10200 | 0.33                        | 2.0            | 3.0            | 2.0            | BT4-8017/HA1C600VA941               |     | 185                |
| 340.000                       | 520.000 | 323.500 | 323.500 | 378            | 490            | 6.0                 | 6.0                 | FTWS0011                | 340.000              | 5610                         | 10400 | 0.30                        | 2.3            | 3.4            | 2.2            | BT4B332963B/HA1                     |     | 240                |
| 342.900                       | 533.400 | 301.625 | 307.975 | 390            | 475            | 3.3                 | 3.3                 | FTWS0012                | 342.900              | 4730                         | 8800  | 0.33                        | 2.0            | 3.0            | 2.0            | BT4-8034G/HA1                       |     | 240                |
| 343.052                       | 457.098 | 254.000 | 254.000 | 366            | 413            | 1.5                 | 3.3                 | FTWS0013                | 343.052              | 3450                         | 6800  | 0.48                        | 1.4            | 2.1            | 1.4            | 330661E/C475                        |     | 110                |
|                               | 457.098 | 254.000 | 254.000 | 362            | 420            | 1.0                 | 3.3                 | FTWS0014                |                      | 3350                         | 6400  | 0.48                        | 1.4            | 2.1            | 1.4            | BT4B328817E1/C475                   |     | 110                |
|                               | 457.098 | 254.000 | 254.000 | 362            | 420            | 1.0                 | 3.3                 | FTWS0015                |                      | 2550                         | 6000  | 0.68                        | 1.0            | 1.5            | 1.0            | BT4B334106BG/wHA1C300VA901          |     | 105                |
| 347.662                       | 469.900 | 260.350 | 260.350 | 372            | 430            | 1.5                 | 3.3                 | FTWS0016                | 347.662              | 3910                         | 8500  | 0.33                        | 2.0            | 3.0            | 2.0            | BT4B331077BG/HA1                    |     | 125                |
| 355.000                       | 490.000 | 316.000 | 316.000 | 382            | 446            | 1.5                 | 3.3                 | FTWS0017                | 355.000              | 4460                         | 10000 | 0.33                        | 2.0            | 3.0            | 2.0            | BT4-8020G/HA1VA901                  |     | 170                |
| 355.600                       | 482.600 | 269.875 | 265.113 | 382            | 432            | 1.5                 | 3.3                 | FTWS0018                | 355.600              | 4000                         | 8000  | 0.48                        | 1.4            | 2.1            | 1.4            | 330662E/C480                        |     | 140                |
|                               | 482.600 | 269.875 | 265.113 | 380            | 436            | 1.5                 | 3.3                 | FTWS0019                |                      | 3550                         | 7500  | 0.46                        | 1.5            | 2.2            | 1.4            | BT4B328870EX1/C480                  |     | 134                |
|                               | 488.950 | 317.500 | 317.500 | 392            | 448            | 1.5                 | 3.3                 | FTWS0020                |                      | 4460                         | 11000 | 0.33                        | 2.0            | 3.0            | 2.0            | 331271BG BT4B328912E3/C675          |     | 180                |
|                               | 488.950 | 317.500 | 317.500 | 382            | 446            | 1.0                 | 3.3                 | FTWS0021                |                      | 5100                         | 10000 | 0.33                        | 2.0            | 3.0            | 2.0            |                                     |     | 170                |
| 360.000                       | 540.000 | 325.000 | 325.000 | 398            | 485            | 1.5                 | 3.0                 | FTWS0022                | 360.000              | 5720                         | 10800 | 0.30                        | 2.3            | 3.4            | 2.2            | BT4-8015G/HA1                       |     | 250                |
| 380.000                       | 560.000 | 360.000 | 390.000 | 417            | 500            | 3.3                 | 5.0                 | FTWS0023                | 380.000              | 6710                         | 13700 | 0.40                        | 1.7            | 2.5            | 1.6            | BT4-8033G/HA1                       |     | 300                |
| 384.175                       | 546.100 | 400.050 | 400.050 | 416            | 496            | 3.3                 | 6.4                 | FTWS0024                | 384.175              | 6160                         | 15000 | 0.35                        | 1.9            | 2.9            | 1.8            | BT4-8025G/HA1C300VA903              |     | 300                |
| 385.762                       | 514.350 | 317.500 | 317.500 | 411            | 471            | 1.0                 | 3.3                 | FTWS0025                | 385.762              | 4180                         | 10000 | 0.40                        | 1.7            | 2.5            | 1.6            | BT4B334042BG/HA1VA901               |     | 175                |
| 406.400                       | 546.100 | 288.925 | 288.925 | 434            | 494            | 1.5                 | 6.4                 | FTWS0026                | 406.400              | 5000                         | 10200 | 0.48                        | 1.4            | 2.1            | 1.4            | BT4B330650E/C500                    |     | 186                |

Four-row Taper Roller Bearing(Non-spacer Series)

WSW

| 外形尺寸mm<br>Boundary Dimensions |          |          |          |                |                |                      |                      | 轴承代号<br>Bearing Numbers | Bore Size<br>mm<br>d | 基本载荷KN<br>Basic Load Ratings |       | 计算参数<br>Calculation Factors |                |                |                | 参考国外轴承代号<br>Reference Models Abroad |     | 参考重量<br>Mass<br>kg |
|-------------------------------|----------|----------|----------|----------------|----------------|----------------------|----------------------|-------------------------|----------------------|------------------------------|-------|-----------------------------|----------------|----------------|----------------|-------------------------------------|-----|--------------------|
| d                             | D        | T        | B        | d <sub>1</sub> | D <sub>1</sub> | r <sub>1, 2min</sub> | r <sub>3, 4min</sub> |                         |                      | Cr                           | Cor   | e                           | Y <sub>1</sub> | Y <sub>2</sub> | Y <sub>0</sub> | SKF                                 | FAG |                    |
| 406. 400                      | 546. 100 | 288. 925 | 288. 925 | 434            | 498            | 1. 5                 | 6. 4                 | FTWS0027                | 406. 400             | 4180                         | 9500  | 0. 48                       | 1. 4           | 2. 1           | 1. 4           | BT4B328838BG/HA1VA901               |     | 180                |
|                               | 546. 100 | 288. 925 | 288. 925 | 434            | 498            | 1. 5                 | 6. 4                 | FTWS0028                |                      | 4180                         | 9500  | 0. 48                       | 1. 4           | 2. 1           | 1. 4           | BT4B328838BG/HA1VA902               |     | 180                |
|                               | 546. 100 | 288. 925 | 288. 925 | 434            | 498            | 1. 5                 | 6. 4                 | FTWS0029                |                      | 3300                         | 7800  | 0. 68                       | 1. 0           | 1. 5           | 1. 0           | BT4-8014G/HA1VA901                  |     | 185                |
|                               | 546. 100 | 288. 925 | 268. 288 | 434            | 494            | 1. 5                 | 6. 4                 | FTWS0030                |                      | 4180                         | 9500  | 0. 48                       | 1. 4           | 2. 1           | 1. 4           | 331465BG BT4B334093BG/HA1VA902      |     | 180                |
|                               | 546. 100 | 330. 000 | 330. 000 | 434            | 498            | 1. 5                 | 6. 4                 | FTWS0031                |                      | 4400                         | 10200 | 0. 48                       | 1. 4           | 2. 1           | 1. 4           | BT4B334092AG/HA1                    |     | 200                |
|                               | 546. 100 | 330. 000 | 330. 000 | 438            | 498            | 1. 5                 | 6. 4                 | FTWS0032                |                      | 5010                         | 13200 | 0. 43                       | 1. 6           | 2. 3           | 1. 6           | BT4-8002G/HA1                       |     | 225                |
|                               | 565. 150 | 440. 000 | 440. 000 | 436            | 508            | 1. 5                 | 6. 4                 | FTWS0033                |                      | 7650                         | 18600 | 0. 33                       | 2. 0           | 3. 0           | 2. 0           |                                     |     | 340                |
| 409. 575                      | 546. 100 | 334. 962 | 334. 962 | 434            | 498            | 1. 0                 | 6. 4                 | FTWS0034                | 409. 575             | 4840                         | 12000 | 0. 40                       | 1. 7           | 2. 5           | 1. 6           | BT4-8021G/HA1VA919                  |     | 205                |
|                               | 546. 100 | 334. 962 | 334. 962 | 434            | 498            | 1. 0                 | 6. 4                 | FTWS0035                |                      | 4840                         | 12000 | 0. 40                       | 1. 7           | 2. 5           | 1. 6           | BT4B329004BG/HA1VA901               |     | 205                |
|                               | 546. 100 | 334. 962 | 334. 962 | 438            | 490            | 1. 5                 | 6. 4                 | FTWS0036                |                      | 5010                         | 13200 | 0. 43                       | 1. 6           | 2. 3           | 1. 6           | BT4B331333BG/HA1                    |     | 220                |
| 420. 000                      | 574. 000 | 480. 000 | 480. 000 | 450            | 530            | 2. 5                 | 5. 0                 | FTWS0037                | 420. 000             | 7210                         | 18600 | 0. 31                       | 2. 2           | 3. 3           | 2. 2           | BT4-8018G/HA1VA901                  |     | 345                |
| 430. 000                      | 570. 000 | 380. 000 | 380. 000 | 458            | 510            | 2. 0                 | 5. 0                 | FTWS0038                | 430. 000             | 5280                         | 14000 | 0. 44                       | 1. 5           | 2. 3           | 1. 4           | BT4-8049G/HA1                       |     | 260                |
|                               | 575. 000 | 380. 000 | 380. 000 | 458            | 518            | 1. 5                 | 5. 0                 | FTWS0039                |                      | 6440                         | 16600 | 0. 40                       | 1. 7           | 2. 5           | 1. 6           | BT4-8006BG/HA1                      |     | 280                |
|                               | 640. 000 | 465. 000 | 465. 000 | 486            | 578            | 2. 5                 | 4. 0                 | FTWS0040                |                      | 9520                         | 21200 | 0. 26                       | 2. 6           | 3. 9           | 2. 5           | BT4-8040G/HA4                       |     | 530                |
| 431. 800                      | 571. 500 | 279. 400 | 279. 400 | 458            | 530            | 1. 5                 | 3. 3                 | FTWS0041                | 431. 800             | 3740                         | 9000  | 0. 54                       | 1. 3           | 1. 8           | 1. 3           | BT4-8019G/HA1VA901                  |     | 185                |
|                               | 571. 500 | 336. 550 | 336. 550 | 458            | 516            | 1. 5                 | 3. 3                 | FTWS0042                |                      | 5280                         | 14000 | 0. 44                       | 1. 5           | 2. 3           | 1. 4           | BT4B331226BG/HA1                    |     | 240                |
|                               | 571. 500 | 336. 550 | 336. 550 | 458            | 530            | 1. 5                 | 3. 3                 | FTWS0043                |                      | 4840                         | 12700 | 0. 44                       | 1. 5           | 2. 3           | 1. 4           | BT4-8003G/HA1VA902                  |     | 215                |
| 440. 000                      | 590. 000 | 480. 000 | 480. 000 | 468            | 539            | 1. 0                 | 5. 0                 | FTWS0044                | 440. 000             | 7650                         | 20000 | 0. 28                       | 2. 4           | 3. 6           | 2. 5           | BT4B334055ABG/HA1VA902              |     | 365                |
| 447. 600                      | 635. 000 | 463. 500 | 463. 500 | 488            | 588            | 3. 3                 | 6. 4                 | FTWS0045                | 447. 600             | 7650                         | 20000 | 0. 33                       | 2. 0           | 3. 0           | 2. 0           | BT4-8039G/HA1VA901                  |     | 470                |
| 450. 000                      | 595. 000 | 368. 000 | 368. 000 | 484            | 550            | 3. 0                 | 6. 0                 | FTWS0046                | 450. 000             | 5280                         | 13700 | 0. 31                       | 2. 2           | 3. 3           | 2. 2           | BT4-8023G/HA1VA919                  |     | 265                |
|                               | 595. 000 | 368. 000 | 368. 000 | 486            | 542            | 3. 0                 | 6. 0                 | FTWS0047                |                      | 6800                         | 16300 | 0. 33                       | 2. 0           | 3. 0           | 2. 0           | BT4B332773E/C725                    |     | 285                |
|                               | 595. 000 | 404. 000 | 404. 000 | 480            | 545            | 2. 0                 | 6. 0                 | FTWS0048                |                      | 5940                         | 16300 | 0. 33                       | 2. 0           | 3. 0           | 2. 0           | BT4-8044G/HA1VA902                  |     | 305                |
|                               | 595. 000 | 415. 000 | 415. 000 | 478            | 544            | 1. 5                 | 6. 0                 | FTWS0049                |                      | 7040                         | 19000 | 0. 31                       | 2. 2           | 3. 3           | 2. 2           | BT4-8024G/HA1                       |     | 320                |
| 457. 200                      | 596. 900 | 279. 400 | 276. 225 | 484            | 550            | 1. 5                 | 3. 3                 | FTWS0050                | 457. 200             | 4290                         | 10000 | 0. 48                       | 1. 4           | 2. 1           | 1. 4           | BT4B328827ABG/HA1VA902              |     | 190                |
|                               | 596. 900 | 279. 400 | 276. 225 | 484            | 550            | 1. 5                 | 3. 3                 | FTWS0051                |                      | 4900                         | 10000 | 0. 48                       | 1. 4           | 2. 1           | 1. 4           | BT4B328827E2/C500                   |     | 190                |
| 460. 000                      | 610. 000 | 360. 000 | 360. 000 | 479            | 565            | 3. 0                 | 6. 0                 | FTWS1051                | 460. 000             | 7500                         | 16300 | 0. 33                       | 2. 0           | 3. 0           | 2. 0           | BT4B331977E/C725                    |     | 290                |

Four-row Taper Roller Bearing(Non-spacer Series)

WSW

| 外形尺寸mm   |          |          |                          |                              |                |                      |                      | 轴承代号<br>Bearing Numbers | Bore Size<br>mm<br>d | 基本载荷KN                               |       | 计算参数  |                |                |                | 参考国外轴承代号                   |               | 参考重量<br>Mass<br>kg |
|----------|----------|----------|--------------------------|------------------------------|----------------|----------------------|----------------------|-------------------------|----------------------|--------------------------------------|-------|-------|----------------|----------------|----------------|----------------------------|---------------|--------------------|
| d        | D        | T        | Boundary Dimensions<br>B | Dimensions<br>d <sub>1</sub> | D <sub>1</sub> | r <sub>1, 2min</sub> | r <sub>3, 4min</sub> |                         |                      | Basic Load Ratings<br>C <sub>r</sub> | Cor   | e     | Y <sub>1</sub> | Y <sub>2</sub> | Y <sub>0</sub> | Reference Models<br>SKF    | Abroad<br>FAG |                    |
| 475. 000 | 600. 000 | 368. 000 | 368. 000                 | 500                          | 554            | 2. 0                 | 6. 0                 | FTWS0052                | 475. 000             | 5720                                 | 16600 | 0. 30 | 2. 3           | 3. 4           | 2. 2           | BT4B328913BG/HA1C555       |               | 250                |
|          | 640. 000 | 360. 000 | 360. 000                 | 512                          | 568            | 2. 0                 | 6. 0                 | FTWS0053                |                      | 5500                                 | 15300 | 0. 33 | 2. 0           | 3. 0           | 2. 0           | BT4-8035G/HA1              |               | 335                |
| 479. 425 | 679. 450 | 495. 300 | 495. 300                 | 520                          | 610            | 3. 3                 | 6. 4                 | FTWS0054                | 479. 425             | 10100                                | 25500 | 0. 33 | 2. 0           | 3. 0           | 2. 0           | BT4B330866CG/HA1           |               | 585                |
|          | 679. 450 | 495. 300 | 495. 300                 | 520                          | 610            | 3. 3                 | 6. 4                 | FTWS0055                |                      | 9350                                 | 22400 | 0. 33 | 2. 0           | 3. 0           | 2. 0           | BT4B334116BG/HA1VA901      |               | 565                |
| 482. 600 | 615. 950 | 330. 200 | 330. 200                 | 512                          | 570            | 3. 3                 | 6. 4                 | FTWS0056                | 482. 600             | 6300                                 | 15300 | 0. 33 | 2. 0           | 3. 0           | 2. 0           | 330641E/C725               |               | 240                |
|          | 615. 950 | 330. 200 | 330. 200                 | 505                          | 577            | 1. 0                 | 6. 4                 | FTWS0057                |                      | 6100                                 | 13700 | 0. 33 | 2. 0           | 3. 0           | 2. 0           | BT4B328842E1/C725          |               | 233                |
|          | 615. 950 | 330. 200 | 330. 200                 | 505                          | 577            | 1. 0                 | 6. 4                 | FTWS0058                |                      | 6100                                 | 13700 | 0. 33 | 2. 0           | 3. 0           | 2. 0           | BT4B328842E2/C725          |               | 233                |
|          | 615. 950 | 330. 200 | 419. 100                 | 505                          | 577            | 1. 0                 | 6. 4                 | FTWS0059                |                      | 5280                                 | 13700 | 0. 33 | 2. 0           | 3. 0           | 2. 0           | BT4B334072BG/HA1VA901      |               | 240                |
|          | 615. 950 | 330. 200 | 419. 100                 | 505                          | 577            | 1. 0                 | 6. 4                 | FTWS0060                |                      | 5280                                 | 13700 | 0. 33 | 2. 0           | 3. 0           | 2. 0           | BT4B334072BG/HA1VA903      |               | 240                |
|          | 615. 950 | 330. 200 | 330. 200                 | 505                          | 577            | 1. 0                 | 6. 4                 | FTWS0061                |                      | 5280                                 | 13700 | 0. 33 | 2. 0           | 3. 0           | 2. 0           | BT4B328842ABG/HA1VA902     |               | 230                |
|          | 615. 950 | 330. 200 | 330. 200                 | 512                          | 570            | 6. 4                 | 6. 4                 | FTWS0062                |                      | 5500                                 | 15300 | 0. 33 | 2. 0           | 3. 0           | 2. 0           | 332096BG3                  |               | 240                |
|          | 615. 950 | 330. 200 | 419. 100                 | 512                          | 570            | 3. 5                 | 6. 4                 | FTWS0063                |                      | 5500                                 | 15300 | 0. 33 | 2. 0           | 3. 0           | 2. 0           | BT4B331626BG/HA1           |               | 250                |
|          | 615. 950 | 420. 000 | 420. 000                 | 505                          | 577            | 2. 8                 | 4. 4                 | FTWS0064                |                      | 5500                                 | 15300 | 0. 33 | 2. 0           | 3. 0           | 2. 0           | BT4-8062G/HA1VA901         |               | 280                |
|          | 635. 000 | 421. 000 | 421. 000                 | 512                          | 578            | 3. 0                 | 6. 4                 | FTWS0065                |                      | 7370                                 | 20400 | 0. 33 | 2. 0           | 3. 0           | 2. 0           | BT4B334105BG/HA1           |               | 365                |
| 489. 026 | 634. 873 | 320. 675 | 320. 675                 | 522                          | 584            | 3. 3                 | 3. 3                 | FTWS0066                | 489. 026             | 6300                                 | 14600 | 0. 35 | 1. 9           | 2. 9           | 1. 8           | 331090E/C700               |               | 267                |
|          | 634. 873 | 320. 675 | 320. 675                 | 516                          | 588            | 2. 5                 | 3. 3                 | FTWS0067                |                      | 5230                                 | 12500 | 0. 37 | 1. 8           | 2. 7           | 1. 8           | BT4B334014AAG/HA1C300VA901 |               | 240                |
| 501. 650 | 711. 200 | 520. 700 | 520. 700                 | 550                          | 655            | 3. 3                 | 6. 4                 | FTWS0068                | 501. 650             | 8090                                 | 19600 | 0. 33 | 2. 0           | 3. 0           | 2. 0           | BT4-8059G/HA1VA901         |               | 610                |
| 510. 000 | 655. 000 | 379. 000 | 377. 000                 | 539                          | 602            | 1. 5                 | 6. 4                 | FTWS0069                | 510. 000             | 7800                                 | 19000 | 0. 33 | 2. 0           | 3. 0           | 2. 0           | BT4B331747E/C775           |               | 323                |
| 514. 350 | 673. 100 | 422. 275 | 422. 275                 | 537                          | 606            | 3. 3                 | 6. 4                 | FTWS0070                | 514. 350             | 6820                                 | 19000 | 0. 33 | 2. 0           | 3. 0           | 2. 0           | BT4-8045G/HA1VA901         |               | 395                |
|          | 673. 100 | 422. 275 | 422. 275                 | 545                          | 614            | 3. 3                 | 6. 4                 | FTWS0071                |                      | 7810                                 | 21600 | 0. 31 | 2. 2           | 3. 3           | 2. 2           | 331157BG                   |               | 405                |
| 530. 000 | 680. 000 | 440. 000 | 440. 000                 | 558                          | 624            | 1. 5                 | 3. 0                 | FTWS0072                | 530. 000             | 8250                                 | 23600 | 0. 33 | 2. 0           | 3. 0           | 2. 0           | BT4-8043G/HA1              |               | 405                |
| 540. 000 | 690. 000 | 400. 000 | 400. 000                 | 568                          | 635            | 2. 0                 | 5. 0                 | FTWS0073                | 540. 000             | 8150                                 | 21200 | 0. 40 | 1. 7           | 2. 5           | 1. 6           | BT4-8108E/C625             |               | 364                |
|          | 690. 000 | 440. 000 | 440. 000                 | 565                          | 636            | 2. 0                 | 5. 0                 | FTWS0074                |                      | 7480                                 | 21200 | 0. 33 | 2. 0           | 3. 0           | 2. 0           | BT4-8038G/HA1VA901         |               | 395                |
| 558. 800 | 736. 600 | 409. 575 | 409. 575                 | 594                          | 672            | 3. 3                 | 6. 4                 | FTWS0075                | 558. 800             | 8250                                 | 22000 | 0. 35 | 1. 9           | 2. 9           | 1. 8           | BT4B330993AG/HA1           |               | 480                |
|          | 736. 600 | 457. 200 | 455. 612                 | 591                          | 666            | 3. 3                 | 6. 4                 | FTWS0076                |                      | 8580                                 | 23200 | 0. 35 | 1. 9           | 2. 9           | 1. 8           | BT4-8022G/HA1VA919         |               | 515                |
| 584. 200 | 730. 250 | 349. 250 | 342. 900                 | 601                          | 678            | 1. 5                 | 3. 3                 | FTWS1077                | 584. 200             | 6800                                 | 17000 | 0. 43 | 1. 6           | 2. 3           | 1. 6           | BT4B331189E/C600           |               | 327                |

| 外形尺寸mm<br>Boundary Dimensions |          |         |         |                |                |                      |                      | 轴承代号<br>Bearing Numbers | Bore Size<br>mm<br>d | 基本载荷KN<br>Basic Load Ratings |       | 计算参数<br>Calculation Factors |                |                |                | 参考国外轴承代号<br>Reference Models Abroad |     | 参考重量<br>Mass<br>kg |
|-------------------------------|----------|---------|---------|----------------|----------------|----------------------|----------------------|-------------------------|----------------------|------------------------------|-------|-----------------------------|----------------|----------------|----------------|-------------------------------------|-----|--------------------|
| d                             | D        | T       | B       | d <sub>1</sub> | D <sub>1</sub> | r <sub>1, 2min</sub> | r <sub>3, 4min</sub> |                         |                      | Cr                           | Cor   | e                           | Y <sub>1</sub> | Y <sub>2</sub> | Y <sub>0</sub> | SKF                                 | FAG |                    |
| 585.788                       | 711.525  | 479.425 | 479.425 | 622            | 704            | 3.3                  | 6.4                  | FTWS0077                | 585.788              | 10600                        | 30000 | 0.33                        | 2.0            | 3.0            | 2.0            | BT4B331093BG/HA1                    |     | 620                |
| 595.312                       | 844.550  | 615.950 | 615.950 | 642            | 754            | 3.3                  | 6.4                  | FTWS0078                | 595.312              | 17300                        | 39000 | 0.33                        | 2.0            | 3.0            | 2.0            | BT4B331300E/C775                    |     | 1180               |
| 609.600                       | 787.400  | 361.950 | 361.950 | 645            | 735            | 3.3                  | 6.4                  | FTWS0079                | 609.600              | 7370                         | 18600 | 0.37                        | 1.8            | 2.7            | 1.8            | BT4-8054G/HA1VA902                  |     | 425                |
| 620.000                       | 800.000  | 363.500 | 363.500 | 655            | 740            | 2.0                  | 6.0                  | FTWS0080                | 620.000              | 7040                         | 18000 | 0.37                        | 1.8            | 2.7            | 1.8            | BT4-8055G/HA1VA902                  |     | 440                |
| 625.000                       | 815.000  | 480.000 | 480.000 | 656            | 746            | 3.2                  | 6.5                  | FTWS0081                | 625.000              | 13200                        | 31000 | 0.33                        | 2.0            | 3.0            | 2.0            | BT4-8031E/C800                      |     | 660                |
| 650.000                       | 1040.000 | 610.000 | 610.000 | 740            | 905            | 15.0                 | 10.0                 | FTWS0082                | 650.000              | 17600                        | 36500 | 0.31                        | 2.2            | 3.3            | 2.2            | BT4-8036G/HA1                       |     | 1970               |
|                               | 1040.000 | 610.000 | 610.000 | 730            | 905            | 15.0                 | 10.0                 | FTWS0083                |                      | 17600                        | 36500 | 0.31                        | 2.2            | 3.3            | 2.2            | BT4-8037G/HA1VA901                  |     | 1970               |
| 660.000                       | 1070.000 | 648.000 | 648.000 | 760            | 960            | 6.0                  | 10.0                 | FTWS0084                | 660.000              | 19000                        | 38000 | 0.31                        | 2.2            | 3.3            | 2.2            | BT4-8060G/HA4C300VA901              |     | 2260               |
| 660.400                       | 812.800  | 365.125 | 365.125 | 698            | 756            | 3.3                  | 6.4                  | FTWS0085                | 660.400              | 7210                         | 22400 | 0.33                        | 2.0            | 3.0            | 2.0            | BT4B331190BG/HA1                    |     | 415                |
|                               | 812.800  | 365.125 | 365.125 | 692            | 784            | 2.0                  | 6.4                  | FTWS0086                |                      | 7210                         | 20400 | 0.33                        | 2.0            | 3.0            | 2.0            | BT4B328977BG/HA1VA901               |     | 395                |
| 679.450                       | 901.700  | 552.450 | 552.450 | 722            | 824            | 3.3                  | 6.4                  | FTWS0087                | 679.450              | 13200                        | 36000 | 0.33                        | 2.0            | 3.0            | 2.0            | BT4B334015BG/HA1VA901               |     | 970                |
| 685.800                       | 876.000  | 355.600 | 352.425 | 730            | 805            | 3.3                  | 6.4                  | FTWS0088                | 685.800              | 7810                         | 22000 | 0.43                        | 1.6            | 2.3            | 1.6            | BT4B331089CG/HA1                    |     | 525                |
|                               | 876.300  | 355.600 | 352.425 | 730            | 818            | 3.3                  | 6.4                  | FTWS0089                |                      | 7650                         | 20000 | 0.37                        | 1.8            | 2.7            | 1.8            | BT4B328955ABG/HA1VA902              |     | 505                |
|                               | 876.300  | 355.600 | 352.425 | 730            | 818            | 3.3                  | 6.4                  | FTWS0090                |                      | 7650                         | 20000 | 0.37                        | 1.8            | 2.7            | 1.8            | BT4B328955BG/HA1VA902               |     | 505                |
| 710.000                       | 900.000  | 410.000 | 410.000 | 750            | 835            | 3.0                  | 6.0                  | FTWS0091                | 710.000              | 9680                         | 27000 | 0.35                        | 1.9            | 2.9            | 1.8            | BT4B331351BG/HA1                    |     | 620                |
| 750.000                       | 950.000  | 410.000 | 410.000 | 800            | 878            | 3.0                  | 6.0                  | FTWS0092                | 750.000              | 10800                        | 26500 | 0.37                        | 1.8            | 2.7            | 1.8            | BT4-8048E/C725                      |     | 705                |
| 762.000                       | 1066.800 | 736.600 | 723.900 | 825            | 952            | 8.9                  | 12.7                 | FTWS0093                | 762.000              | 22000                        | 58500 | 0.33                        | 2.0            | 3.0            | 2.0            | BT4B331907BG/HA4                    |     | 2090               |

Four-row Taper Roller Bearing

WSW

| 1型 (TQO)            |         |         |         |                    |         | 2型(TQI) |      |                               | 结构 | 计算系数                |        |      |                |                | 质量(kg)         |      |
|---------------------|---------|---------|---------|--------------------|---------|---------|------|-------------------------------|----|---------------------|--------|------|----------------|----------------|----------------|------|
| 基本尺寸(mm)            |         |         |         | 基本额定载荷(kN)         |         |         |      | 轴承代号                          |    | 计算系数                |        |      |                |                | 质量(kg)         |      |
| Boundary Dimensions |         |         |         | Basic Load Ratings |         |         |      | Bearing Numbers               |    | Calculation Factors |        |      |                |                | Mass           |      |
| d                   | D       | T       | B       | r1.2min            | r3.4min | Cr      | Cor  | 新代号<br>New                    |    | 旧代号<br>Old          | Design | e    | Y <sub>1</sub> | Y <sub>2</sub> | Y <sub>0</sub> | K    |
| 152.781             | 244.475 | 187.325 | 192.088 | 1.6                | 3.2     | 1100    | 1980 | 81603D/81962/81963D           |    | 1                   | 0.35   | 1.93 | 2.88           | 1.89           | 1.67           | 31.7 |
| 158.75              | 304.8   | 233.365 | 238.227 | 3.2                | 3.2     | 1880    | 3210 | EE280625D/281200/281201D      |    | 1                   | 0.36   | 1.87 | 2.79           | 1.83           | 1.62           | 78.2 |
| 160                 | 226     | 165     | 165     | 3                  | 2.5     | 925     | 2060 | 160TQO226-1                   |    | 1                   | 0.29   | 2.3  | 3.4            | 2.3            | 2.01           | 20.5 |
|                     | 240     | 130     | 130     | 3                  | 2.5     | 790     | 1420 | 160TQO240-1                   |    | 1                   | 0.4    | 1.7  | 2.5            | 1.7            | 1.46           | 19.9 |
|                     | 240     | 145     | 145     | 2.5                | 2       | 811     | 1510 | 160TQO240-2                   |    | 1                   | 0.33   | 2.03 | 3.02           | 1.98           | 1.77           | 22.2 |
|                     | 250     | 145     | 145     | 3                  | 2.5     | 1090    | 1870 | 160TQO250-1                   |    | 1                   | 0.33   | 2.03 | 3.02           | 1.98           | 1.77           | 25.3 |
|                     | 265     | 173     | 173     | 3                  | 2.5     | 1320    | 2210 | 160TQO265-1                   |    | 1                   | 0.4    | 1.7  | 2.5            | 1.7            | 1.46           | 36.2 |
|                     | 270     | 180     | 180     | 3                  | 2.5     | 1320    | 2210 | 160TQO270-1                   |    | 1                   | 0.4    | 1.7  | 2.5            | 1.7            | 1.46           | 40.3 |
|                     | 270     | 180     | 180     | 3                  | 2.5     | 1320    | 2210 | 160TQO270-1                   |    | 1                   | 0.4    | 1.7  | 2.5            | 1.7            | 1.46           | 40.3 |
| 165                 | 270     | 240     | 240     | 6                  | 3       | 1780    | 3600 | 165TQO270-1                   |    | 1                   | 0.36   | 1.9  | 2.8            | 1.8            | 1.62           | 55   |
| 165.1               | 225.425 | 168.275 | 165.1   | 0.8                | 3.2     | 868     | 2140 | 46791D/46720/46720D           |    | 1                   | 0.38   | 1.77 | 2.63           | 1.73           | 1.54           | 19.8 |
| 168.275             | 247.65  | 192.088 | 192.088 | 1.6                | 3.2     | 1190    | 2800 | 67782D/67720/67721D           |    | 1                   | 0.44   | 1.54 | 2.29           | 1.5            | 1.33           | 31.7 |
| 170                 | 230     | 175     | 175     | 2.5                | 2.5     | 990     | 2310 | 170TQO230-1                   |    | 1                   | 0.34   | 2    | 2.9            | 1.9            | 1.72           | 20.6 |
|                     | 240     | 175     | 175     | 3                  | 2.5     | 1100    | 2400 | 170TQO240-1                   |    | 1                   | 0.4    | 1.7  | 2.5            | 1.7            | 1.46           | 24.5 |
|                     | 260     | 230     | 230     | 3                  | 2.5     | 950     | 1660 | 2077134                       |    | 1                   | 0.31   | 2.2  | 3.2            | 2.1            | 1.88           | 43   |
|                     | 260     | 144     | 144     | 3                  | 2.5     | 950     | 1660 | 170TQO260-1                   |    | 1                   | 0.4    | 1.7  | 2.5            | 1.7            | 1.46           | 25.7 |
|                     | 260     | 160     | 160     | 3                  | 2.5     | 1160    | 2100 | 170TQO260-2                   |    | 1                   | 0.39   | 1.7  | 2.6            | 1.7            | 1.50           | 29.5 |
|                     | 280     | 181     | 181     | 3                  | 2.5     | 1500    | 2570 | 170TQO280-1                   |    | 1                   | 0.4    | 1.7  | 2.5            | 1.7            | 1.46           | 42.3 |
|                     | 280     | 185     | 185     | 3                  | 2.5     | 1500    | 2570 | 170TQO280-2                   |    | 1                   | 0.4    | 1.7  | 2.5            | 1.7            | 1.46           | 43   |
|                     | 280     | 185     | 185     | 3                  | 2.5     | 1500    | 2570 | 170TQO280-2                   |    | 1                   | 0.4    | 1.7  | 2.5            | 1.7            | 1.46           | 43   |
| 177.8               | 247.65  | 188.913 | 188.913 | 1.6                | 3.2     | 1190    | 2800 | 67790D/67720/67720D           |    | 1                   | 0.44   | 1.54 | 2.29           | 1.5            | 1.33           | 27.5 |
|                     | 247.65  | 192.088 | 192.088 | 1.5                | 3.3     | 1230    | 3000 | 67790DW/67720/67721D          |    | 1                   | 0.44   | 1.5  | 2.3            | 1.4            | 1.33           | 29   |
|                     | 273.05  | 234.947 | 234.95  | 1.6                | 3.2     | 1660    | 3290 | 82681D/82622/82622D           |    | 1                   | 0.52   | 1.29 | 1.92           | 1.26           | 1.12           | 46.9 |
|                     | 279.4   | 234.947 | 234.95  | 1.6                | 3.2     | 1660    | 3290 | 82681D/82620/82620D           |    | 1                   | 0.52   | 1.29 | 1.92           | 1.26           | 1.12           | 51.9 |
|                     | 285.75  | 222.245 | 222.5   | 1.6                | 3.2     | 1520    | 2860 | EE91700D/91112/91113XD        |    | 1                   | 0.43   | 1.57 | 2.34           | 1.53           | 1.36           | 53.7 |
|                     | 288.925 | 263.525 | 263.525 | 1.6                | 3.2     | 1890    | 3840 | 94706D/94113/94114D           |    | 1                   | 0.47   | 1.44 | 2.15           | 1.41           | 1.24           | 67.4 |
|                     | 288.925 | 266.7   | 266.7   | 1.6                | 3.2     | 2150    | 3890 | HM237545D/HM237510/HM237511XD |    | 1                   | 0.32   | 2.12 | 3.15           | 2.07           | 1.82           | 64.9 |
| 177.8               | 298.45  | 263.525 | 263.525 | 1.6                | 3.2     | 1890    | 3840 | 94706D/94118/94118D           |    | 1                   | 0.47   | 1.44 | 2.15           | 1.41           | 1.24           | 76.4 |
|                     | 304.8   | 233.362 | 238.23  | 3.3                | 3.3     | 1900    | 3250 | EE280700D/281200/281201D      |    | 1                   | 0.36   | 1.9  | 2.8            | 1.8            | 1.62           | 68   |

Four-row Taper Roller Bearing

WSW

| 1型 (TQO)            |         |         |         |                    |         | 2型(TQI) |                          |                           |                           | 结构  | 计算系数                |      |                |                |                | 质量(kg) |        |
|---------------------|---------|---------|---------|--------------------|---------|---------|--------------------------|---------------------------|---------------------------|-----|---------------------|------|----------------|----------------|----------------|--------|--------|
| 基本尺寸(mm)            |         |         |         | 基本额定载荷(kN)         |         |         |                          | 轴承代号                      |                           |     | 计算系数                |      |                |                |                | Mass   |        |
| Boundary Dimensions |         |         |         | Basic Load Ratings |         |         |                          | Bearing Numbers           |                           |     | Calculation Factors |      |                |                |                | Refer. |        |
| d                   | D       | T       | B       | r1.2min            | r3.4min | Cr      | Cor                      | 新代号<br>New                | 旧代号<br>Old                |     | Design              | e    | Y <sub>1</sub> | Y <sub>2</sub> | Y <sub>0</sub> | K      | Refer. |
| 180                 | 250     | 185     | 185     | 2.5                | 2       | 1160    | 2720                     | 180TQO250-1               |                           | 1   | 0.44                | 1.5  | 2.3            | 1.5            | 1.33           | 27.9   |        |
|                     | 254     | 185     | 185     | 2                  | 2.5     | 1230    | 2750                     | 180TQO254-1               |                           | 1   | 0.47                | 1.4  | 2.1            | 1.4            | 1.24           | 29.2   |        |
|                     | 260     | 160     | 160     | 2.5                | 2       | 1030    | 2040                     | 180TQO260-1               |                           | 1   | 0.37                | 1.8  | 2.7            | 1.8            | 1.58           | 27.1   |        |
|                     | 260     | 200     | 200     | 2.5                | 2       | 1260    | 2690                     | 180TQO260-2               |                           | 1   | 0.35                | 1.9  | 2.8            | 1.9            | 1.67           | 34.1   |        |
|                     | 280     | 158     | 158     | 3                  | 2.5     | 1230    | 2240                     | 180TQO280-1               |                           | 1   | 0.35                | 1.9  | 2.9            | 1.9            | 1.67           | 35.4   |        |
|                     | 280     | 180     | 180     | 3                  | 2.5     | 1510    | 2830                     |                           | 77736                     | 1   | 0.45                | 1.5  | 2.2            | 1.5            | 1.30           | 39.6   |        |
|                     | 280     | 181     | 181     | 3                  | 2.5     | 1510    | 2830                     | 180TQO280-2               |                           | 1   | 0.33                | 2.03 | 3.02           | 1.98           | 1.77           | 39.3   |        |
|                     | 300     | 202     | 202     | 3                  | 3       | 1610    | 2720                     | 180TQO300-1               |                           | 1   | 0.4                 | 1.7  | 2.5            | 1.7            | 1.46           | 54.5   |        |
|                     | 300     | 280     | 280     | 3                  | 3       | 2210    | 4350                     | 180TQO300-2               |                           | 1   | 0.34                | 2    | 3              | 1.9            | 1.72           | 79.8   |        |
|                     | 180.975 | 269.875 | 211.138 | 211.138            | 1.6     | 3.2     | 1410                     | 3220                      | M238843D/M238810/M238810D |     | 1                   | 0.33 | 2.03           | 3.02           | 1.98           | 1.77   | 42.2   |
|                     | 187.325 | 269.875 | 211.138 | 211.138            | 1.6     | 3.2     | 1410                     | 3220                      | M238849D/M238810/M238810D |     | 1                   | 0.33 | 2.03           | 3.02           | 1.98           | 1.77   | 39.6   |
|                     | 187.325 | 282.575 | 190.05  | 190.05             | 0.8     | 3.2     | 1200                     | 2830                      | 67975D/67920/67921XD      |     | 1                   | 0.51 | 1.33           | 1.97           | 1.3            | 1.14   | 43.2   |
| 190                 | 260     | 200     | 200     | 2.5                | 2       | 1260    | 3690                     | 190TQO260-1               |                           | 1   | 0.36                | 1.9  | 2.8            | 1.8            | 1.62           | 29     |        |
|                     | 268     | 196     | 196     | 3                  | 2.5     | 1380    | 3100                     | 190TQO268-1               |                           | 1   | 0.4                 | 1.7  | 2.5            | 1.7            | 1.46           | 34.1   |        |
|                     | 270     | 160     | 160     | 1                  | 2.5     | 1170    | 2370                     | 190TQO270-1               |                           | 1   | 0.4                 | 1.68 | 2.5            | 1.64           | 1.46           | 28     |        |
|                     | 270     | 190     | 190     | 1.5                | 2.5     | 1380    | 3100                     | 190TQO270-2               |                           | 1   | 0.4                 | 1.7  | 2.5            | 1.7            | 1.46           | 34.7   |        |
|                     | 290     | 160     | 160     | 3                  | 2.5     | 1250    | 2210                     | 190TQO290-1               |                           | 1   | 0.39                | 1.7  | 2.6            | 1.7            | 1.50           | 36.1   |        |
|                     | 292.1   | 225.425 | 225.425 | 1.6                | 3.2     | 1870    | 4110                     | M241538D/M241510/M241510D |                           | 1   | 0.33                | 2.03 | 3.02           | 1.98           | 1.77           | 55.2   |        |
|                     | 320     | 218     | 218     | 3                  | 3       | 1990    | 3550                     | 190TQO320-1               |                           | 1   | 0.4                 | 1.7  | 2.5            | 1.7            | 1.46           | 71.2   |        |
|                     | 190.5   | 266.7   | 188.913 | 187.325            | 1.6     | 3.2     | 1160                     | 2810                      | 67885D/67820/67820D       |     | 1                   | 0.48 | 1.42           | 2.11           | 1.38           | 1.22   | 32.4   |
| 368.3               | 327.025 | 320.675 | 3.2     | 3.2                | 3220    | 5840    | EE420750D/421450/421451D |                           | 1                         | 0.4 | 1.68                | 2.5  | 1.64           | 1.46           | 163            |        |        |
| 198.438             | 284.163 | 225.425 | 225.425 | 1.6                | 3.2     | 1740    | 3780                     | M240648D/M240611/M240611D |                           | 1   | 0.33                | 2.03 | 3.02           | 1.98           | 1.77           | 42.7   |        |
| 200                 | 280     | 206     | 206     | 3                  | 2.5     | 1530    | 3450                     | 200TQO280-1               |                           | 1   | 0.4                 | 1.7  | 2.5            | 1.7            | 1.46           | 38.1   |        |
|                     | 280     | 220     | 220     | 1                  | 2.5     | 1500    | 3600                     | 200TQO280-2               |                           | 1   | 0.4                 | 1.68 | 2.5            | 1.64           | 1.46           | 41.7   |        |
|                     | 282     | 206     | 206     | 3                  | 2.5     | 1530    | 3450                     | 200TQO282-1               |                           | 1   | 0.4                 | 1.7  | 2.5            | 1.7            | 1.46           | 39.6   |        |
| 200                 | 310     | 174     | 174     | 3                  | 2.5     | 1380    | 2640                     | 200TQO310-1               |                           | 1   | 0.4                 | 1.7  | 2.5            | 1.7            | 1.46           | 47.2   |        |
|                     | 310     | 200     | 200     | 3                  | 2.5     | 1660    | 3100                     |                           | 77740                     | 1   | 0.39                | 1.7  | 2.6            | 1.7            | 1.50           | 53.6   |        |
|                     | 310     | 275     | 275     | 3                  | 2.5     | 1660    | 3100                     |                           | 2077140                   | 1   | 0.39                | 1.7  | 2.6            | 1.7            | 1.50           | 75.1   |        |
|                     | 340     | 234     | 234     | 3                  | 3       | 2220    | 4100                     | 200TQO340-1               |                           | 1   | 0.4                 | 1.7  | 2.5            | 1.7            | 1.46           | 87.3   |        |

Four-row Taper Roller Bearing

WSW

| 1型 (TQO)            |         |         |         |         |         | 2型(TQI)            |      |                              |            | 结构 | 计算系数   |                     |                |                |      | 质量(kg) |
|---------------------|---------|---------|---------|---------|---------|--------------------|------|------------------------------|------------|----|--------|---------------------|----------------|----------------|------|--------|
| 基本尺寸(mm)            |         |         |         |         |         | 基本额定载荷(kN)         |      | 轴承代号                         |            |    | Design | Calculation Factors |                |                |      | Mass   |
| Boundary Dimensions |         |         |         |         |         | Basic Load Ratings |      | Bearing Numbers              |            |    |        |                     |                |                |      | Refer. |
| d                   | D       | T       | B       | r1.2min | r3.4min | Cr                 | Cor  | 新代号<br>New                   | 旧代号<br>Old |    | e      | Y <sub>1</sub>      | Y <sub>2</sub> | Y <sub>0</sub> | K    | Refer. |
| 203.2               | 314.325 | 239.713 | 239.713 | 1.6     | 3.2     | 2100               | 4890 | M244240DW/M244210/M244210D   |            | 1  | 0.33   | 2.03                | 3.02           | 1.98           | 1.77 | 70.2   |
|                     | 317.5   | 209.55  | 209.55  | 3.2     | 3.2     | 1510               | 2900 | EE132081D/132125/132126D     |            | 1  | 0.31   | 2.15                | 3.2            | 2.1            | 1.88 | 60.2   |
|                     | 317.5   | 209.55  | 215.9   | 3.2     | 3.2     | 1510               | 2900 | EE132082D/132125/132126D     |            | 1  | 0.31   | 2.15                | 3.21           | 2.11           | 1.88 | 60.9   |
|                     | 317.5   | 266.7   | 266.7   | 1.6     | 3.2     | 2070               | 4540 | 93800D/93125/93127D          |            | 1  | 0.52   | 1.29                | 1.92           | 1.26           | 1.12 | 76.8   |
|                     | 368.3   | 327.025 | 320.675 | 3.2     | 3.2     | 3220               | 5840 | EE420800D/421450/421451D     |            | 1  | 0.4    | 1.68                | 2.5            | 1.64           | 1.46 | 153    |
|                     | 368.3   | 327.025 | 327.025 | 3.2     | 3.2     | 3220               | 5840 | EE420801D/421450/421451D     |            | 1  | 0.4    | 1.68                | 2.5            | 1.64           | 1.46 | 154    |
|                     | 320     | 203.5   | 203.5   | 4       | 3       | 1900               | 3650 | 205TQO320-1                  |            | 1  | 0.46   | 1.5                 | 2.2            | 1.4            | 1.29 | 54.5   |
|                     | 320     | 205     | 205     | 3       | 3       | 1710               | 3150 |                              | 77741      | 1  | 0.4    | 1.7                 | 2.5            | 1.7            | 1.46 | 58.1   |
|                     | 282.575 | 184.15  | 184.15  | 0.8     | 3.2     | 1200               | 2830 | 67985D/67920/67920D          |            | 1  | 0.51   | 1.33                | 1.97           | 1.3            | 1.14 | 33.9   |
| 206.375             | 282.575 | 190.5   | 190.5   | 0.8     | 3.2     | 1200               | 2830 | 67986D/67920/67921D          |            | 1  | 0.51   | 1.33                | 1.97           | 1.3            | 1.14 | 34.1   |
|                     | 288.925 | 177.8   | 177.8   | 0.8     | 3.2     | 1220               | 3120 | LM742749D/LM742714/LM742714D |            | 1  | 0.48   | 1.4                 | 2.09           | 1.37           | 1.22 | 32.5   |
| 215.9               | 336.55  | 266.7   | 266.7   | 6.4     | 3.2     | 2430               | 4760 | 47T433427                    |            | 1  | 0.5    | 1.34                | 2              | 1.32           | 1.17 | 85.1   |
|                     | 355.6   | 254     | 254     | 1.6     | 1.6     | 2490               | 5220 | EE130850D/131400/131401D     |            | 1  | 0.33   | 2.04                | 3.04           | 2              | 1.77 | 104    |
|                     | 355.6   | 260.35  | 260.35  | 1.6     | 1.6     | 2490               | 5220 | EE130850D/131400/131402D     |            | 1  | 0.33   | 2.04                | 3.04           | 2              | 1.77 | 106    |
|                     | 355.6   | 269.875 | 273.05  | 6.4     | 3.2     | 2260               | 5260 | 96851D/96140/96140D          |            | 1  | 0.59   | 1.14                | 1.7            | 1.12           | 0.99 | 111    |
|                     | 330.2   | 269.875 | 263.525 | 1.6     | 3.2     | 2270               | 4710 | 9974D/9920/9920D             |            | 1  | 0.55   | 1.22                | 1.82           | 1.19           | 1.06 | 79.7   |
|                     | 300     | 230     | 230     | 3       | 2.5     | 1650               | 4000 | 220TQO300-1                  |            | 1  | 0.41   | 1.7                 | 2.5            | 1.6            | 1.42 | 47.1   |
|                     | 310     | 226     | 226     | 3       | 3       | 1770               | 4000 | 220TQO310-1                  |            | 1  | 0.4    | 1.7                 | 2.5            | 1.7            | 1.46 | 52.2   |
|                     | 320     | 200     | 200     | 1       | 3       | 1760               | 4050 | 220TQO320-1                  |            | 1  | 0.33   | 2                   | 3              | 2              | 1.76 | 54     |
|                     | 320     | 201     | 201     | 3       | 3       | 1660               | 3760 | 220TQO320-2                  |            | 1  | 0.33   | 2.03                | 3.02           | 1.98           | 1.77 | 52     |
| 220                 | 320     | 250     | 250     | 3       | 3       | 2050               | 4750 | 220TQO320-3                  |            | 1  | 0.33   | 2                   | 3              | 2.0            | 1.77 | 68     |
|                     | 330     | 260     | 260     | 3       | 3       | 2250               | 4700 | 220TQO330-1                  |            | 1  | 0.55   | 1.2                 | 1.8            | 1.2            | 1.06 | 75.7   |
|                     | 340     | 190     | 190     | 3       | 3       | 1480               | 2790 | 220TQO340-1                  |            | 1  | 0.4    | 1.7                 | 2.5            | 1.7            | 1.46 | 60.5   |
|                     | 340     | 303.5   | 303.5   | 4       | 3       | 3080               | 6700 | 220TQO340-2                  |            | 1  | 0.43   | 1.6                 | 2.3            | 1.6            | 1.36 | 100    |
|                     | 340     | 305     | 305     | 4       | 3       | 2910               | 5940 |                              | 2077144    | 1  | 0.35   | 1.95                | 2.9            | 1.91           | 1.67 | 97.6   |
|                     | 370     | 250     | 250     | 4       | 4       | 2500               | 4500 | 220TQO370-1                  |            | 1  | 0.39   | 1.7                 | 2.6            | 1.7            | 1.50 | 106    |
|                     | 314.325 | 239.713 | 239.713 | 1.6     | 3.2     | 2100               | 4890 | M244249D/M244210/M244210D    |            | 1  | 0.33   | 2.03                | 3.02           | 1.98           | 1.77 | 56.9   |

Four-row Taper Roller Bearing

WSW

| 1型 (TQO)            |         |         |         |                    |         | 2型(TQI) |             |                              |            | 结构   | 计算系数   |                     |                |                |      | 质量(kg) |
|---------------------|---------|---------|---------|--------------------|---------|---------|-------------|------------------------------|------------|------|--------|---------------------|----------------|----------------|------|--------|
| 基本尺寸(mm)            |         |         |         | 基本额定载荷(kN)         |         |         |             | 轴承代号                         |            |      | Design | Calculation Factors |                |                |      | Mass   |
| Boundary Dimensions |         |         |         | Basic Load Ratings |         |         |             | Bearing Numbers              |            |      |        |                     |                |                |      | Refer. |
| d                   | D       | T       | B       | r1.2min            | r3.4min | Cr      | Cor         | 新代号<br>New                   | 旧代号<br>Old |      | e      | Y <sub>1</sub>      | Y <sub>2</sub> | Y <sub>0</sub> | K    |        |
| 225                 | 320     | 230     | 230     | 2.5                | 2       | 1800    | 4150        | 225TQO320-1                  |            | 1    | 0.41   | 1.6                 | 2.4            | 1.6            | 1.42 | 58.8   |
| 225.425             | 355.6   | 254     | 254     | 5.6                | 1.6     | 2490    | 5220        | EE130887D/131400/131401D     |            | 1    | 0.33   | 2.04                | 3.04           | 2              | 1.77 | 97.2   |
|                     | 355.6   | 260.35  | 260.35  | 5.6                | 1.6     | 2490    | 5220        | EE130887D/131400/131402D     |            | 1    | 0.33   | 2.04                | 3.04           | 2              | 1.77 | 99     |
| 228.6               | 311.15  | 200.025 | 200.025 | 1.6                | 3.2     | 1660    | 3760        | LM245149D/LM245110/LM245110D |            | 1    | 0.33   | 2.03                | 3.02           | 1.98           | 1.77 | 41.8   |
|                     | 355.6   | 254     | 254     | 5.6                | 1.6     | 2490    | 5220        | EE130901D/131400/131401D     |            | 1    | 0.33   | 2.04                | 3.04           | 2              | 1.77 | 95     |
|                     | 355.6   | 260.35  | 266.7   | 1.5                | 1.5     | 2900    | 5000        | EE130904DW/130400/130402D    |            | 1    | 0.34   | 2.0                 | 3.0            | 1.9            | 1.69 | 101    |
|                     | 355.6   | 260.35  | 260.35  | 1.6                | 1.6     | 2490    | 5220        | EE130900D/131400/131402D     |            | 1    | 0.33   | 2.04                | 3.04           | 2              | 1.77 | 96.9   |
|                     | 364     | 296.875 | 296.875 | 3.2                | 3.2     | 3030    | 5940        | 228TQO364A-1                 |            | 1    | 0.32   | 2.12                | 3.15           | 2.07           | 1.82 | 115    |
|                     | 400.05  | 296.875 | 296.875 | 3.2                | 3.2     | 3120    | 5910        | EE529091D/529157/529158XD    |            | 1    | 0.31   | 2.19                | 3.25           | 2.14           | 1.88 | 155    |
|                     | 400.05  | 327.025 | 330.2   | 3.2                | 3.2     | 3390    | 6420        | EE430901D/431575/431576D     |            | 1    | 0.44   | 1.54                | 2.29           | 1.5            | 1.33 | 173    |
|                     | 425.45  | 361.95  | 349.25  | 3.6                | 6.4     | 4030    | 7900        | EE700090D/700167/700168D     |            | 1    | 0.33   | 2.03                | 3.02           | 1.98           | 1.77 | 235    |
|                     | 425.45  | 361.95  | 355.6   | 3.2                | 6.4     | 4030    | 7900        | EE700092D/700167/700168D     |            | 1    | 0.33   | 2.03                | 3.02           | 1.98           | 1.77 | 237    |
| 230                 | 315     | 190     | 190     | 2.5                | 2       | 1510    | 3450        | 230TQO315-1                  |            | 1    | 0.36   | 1.9                 | 2.8            | 1.8            | 1.62 | 43.1   |
| 234.95              | 327.025 | 196.85  | 196.85  | 1.6                | 3.2     | 1600    | 3720        | 8576D/8520/8520D             |            | 1    | 0.41   | 1.66                | 2.47           | 1.62           | 1.42 | 47.4   |
| 235                 | 325     | 240     | 240     | 1.5                | 2.5     | 2200    | 5310        | 235TQO325-1                  |            | 1    | 0.33   | 2.03                | 3.02           | 1.98           | 1.77 | 60.5   |
| 240                 | 320     | 250     | 250     | 3                  | 2.5     | 1840    | 4750        | 240TQO320-1                  |            | 1    | 0.33   | 2                   | 3              | 2.0            | 1.77 | 54.7   |
|                     | 338     | 248     | 248     | 4                  | 3       | 2380    | 5500        | 240TQO338-1                  |            | 1    | 0.4    | 1.7                 | 2.5            | 1.6            | 1.51 | 70     |
|                     | 350     | 230     | 230     | 1.5                | 2       | 2140    | 4500        | 240TQO350-1                  |            | 1    | 0.42   | 1.6                 | 2.4            | 1.6            | 1.39 | 72     |
|                     | 360     | 194     | 194     | 3                  | 3       | 1850    | 3600        | 240TQO360-1                  |            | 1    | 0.35   | 1.9                 | 2.9            | 1.9            | 1.67 | 66.9   |
|                     | 360     | 218     | 218     | 3                  | 3       | 2050    | 4150        | 240TQO360-2                  |            | 1    | 0.43   | 1.6                 | 2.3            | 1.5            | 1.36 | 76.5   |
|                     | 360     | 308.5   | 308.5   | 4                  | 3       | 3300    | 7350        | 240TQO360-3                  |            | 1    | 0.33   | 2                   | 3              | 2              | 1.77 | 110    |
|                     | 360     | 310     | 310     | 4                  | 3       | 3300    | 7350        |                              | 2077148    | 1    | 0.31   | 2.2                 | 3.2            | 2.1            | 1.9  | 90.5   |
|                     | 365     | 290     | 290     | 2.5                | 2.5     | 2720    | 5700        | 240TQO365-1                  |            | 1    | 0.46   | 1.5                 | 2.2            | 1.4            | 1.27 | 106    |
|                     | 400     | 266     | 266     | 4                  | 4       | 2680    | 4900        | 240TQO400-1                  |            | 1    | 0.4    | 1.7                 | 2.5            | 1.7            | 1.46 | 127    |
| 410                 | 270     | 270     | 5       | 4                  | 3030    | 5490    | 240TQO410-1 |                              | 1          | 0.29 | 2.32   | 3.45                | 2.26           | 2.01           | 145  |        |
| 241.224             | 349.148 | 228.6   | 228.6   | 1.6                | 3.2     | 1900    | 4100        | EE127094D/127135/127136D     |            | 1    | 0.35   | 1.91                | 2.84           | 1.86           | 1.67 | 70.9   |
|                     | 355.498 | 228.6   | 228.6   | 1.6                | 3.2     | 1900    | 4100        | EE127094D/127138/127139D     |            | 1    | 0.35   | 1.91                | 2.8/4          | 1.86           | 1.67 | 77.1   |

Four-row Taper Roller Bearing

WSW

| 1型(TQO)  |            |         |            |         |         | 2型(TQI)         |             |                              |                     | 结构     | 计算系数 |                |                |                |      | 质量(kg)       |
|----------|------------|---------|------------|---------|---------|-----------------|-------------|------------------------------|---------------------|--------|------|----------------|----------------|----------------|------|--------------|
| 基本尺寸(mm) |            |         | 基本额定载荷(kN) |         |         | 轴承代号            |             | 设计                           | 计算系数                |        |      |                |                | 质量             |      |              |
| Boundary | Dimensions |         |            |         |         | Bearing Numbers |             |                              | Calculation Factors |        |      |                |                | Mass           |      |              |
| d        | D          | T       | B          | r1.2min | r3.4min | Cr              | Cor         | 新代号<br>New                   | 旧代号<br>Old          | Design | e    | Y <sub>1</sub> | Y <sub>2</sub> | Y <sub>0</sub> | K    | 参考<br>Refer. |
| 241.3    | 368.3      | 204.47  | 204.622    | 1.6     | 3.2     | 1740            | 3700        | EE170951D/171450/171451D     |                     | 1      | 0.36 | 1.86           | 2.77           | 1.82           | 1.62 | 81.4         |
| 241.478  | 349.148    | 228.6   | 228.6      | 1.6     | 3.2     | 1900            | 4100        | EE127097D/127135/127136D     |                     | 1      | 0.35 | 1.91           | 2.84           | 1.86           | 1.67 | 70.4         |
|          | 350.838    | 228.6   | 228.6      | 1.6     | 3.2     | 1900            | 4100        | EE127097D/127137/127137D     |                     | 1      | 0.35 | 1.91           | 2.84           | 1.86           | 1.67 | 72.4         |
|          | 355.498    | 228.6   | 228.6      | 1.6     | 3.2     | 1900            | 4100        | EE127097D/127138/127139D     |                     | 1      | 0.35 | 1.91           | 2.84           | 1.86           | 1.67 | 76.9         |
|          |            |         |            |         |         |                 |             |                              |                     |        |      |                |                |                |      |              |
| 244.475  | 327.025    | 193.675 | 193.675    | 1.6     | 3.2     | 1570            | 3780        | LM247748D/LM247710/LM247710D |                     | 1      | 0.32 | 2.1            | 3.13           | 2.06           | 1.82 | 44.7         |
|          | 381        | 304.8   | 304.8      | 3.2     | 4.8     | 2700            | 5870        | EE126096D/126150/126151D     |                     | 1      | 0.52 | 1.31           | 1.95           | 1.28           | 1.12 | 125          |
| 245      | 380        | 254     | 255.5      | 1.5     | 4       | 2640            | 5600        | 245TQO380-1                  |                     | 1      | 0.44 | 1.5            | 2.3            | 1.4            | 1.32 | 105          |
| 247.65   | 400.05     | 253.995 | 249.235    | 1.6     | 6.4     | 2600            | 5140        | EE220975D/221575/221576D     |                     | 1      | 0.39 | 1.71           | 2.54           | 1.67           | 1.50 | 119          |
| 250      | 350        | 240     | 240        | 1       | 2.5     | 2180            | 4970        | 250TQO350-1                  |                     | 1      | 0.4  | 1.68           | 2.5            | 1.64           | 1.46 | 66.4         |
|          | 360        | 186     | 186        | 2.5     | 2       | 1770            | 3550        | 250TQO360-1                  |                     | 1      | 0.4  | 1.7            | 2.5            | 1.7            | 1.46 | 59.1         |
|          | 365        | 270     | 270        | 2.5     | 3.3     | 2600            | 6150        | 250TQO365-1                  |                     | 1      | 0.33 | 2              | 3              | 2.0            | 1.77 | 96.2         |
|          | 370        | 220     | 220        | 4       | 4       | 1980            | 4400        | 250TQO370-1                  |                     | 1      | 0.37 | 1.8            | 2.7            | 1.8            | 1.58 | 80.8         |
|          |            |         |            |         |         |                 |             |                              |                     |        |      |                |                |                |      |              |
|          |            |         |            |         |         |                 |             |                              |                     |        |      |                |                |                |      |              |
|          |            |         |            |         |         |                 |             |                              |                     |        |      |                |                |                |      |              |
| 381      | 320        | 320     | 2.5        | 3       | 3150    | 7100            | 250TQO381-1 |                              | 1                   | 0.55   | 1.2  | 1.8            | 1.2            | 1.06           | 130  |              |
| 460      | 270        | 270     | 5          | 4       | 3470    | 6720            |             |                              | 1                   |        |      |                |                |                | 192  |              |
|          |            |         |            |         |         |                 |             |                              |                     | 77750  |      |                |                |                |      |              |
| 250.825  | 431.724    | 298.453 | 292.895    | 3.6     | 3.6     | 3470            | 6720        | HM252340D/HM252315/HM252315D |                     | 1      | 0.33 | 2.03           | 3.02           | 1.98           | 1.77 | 181          |
| 254      | 358.775    | 257.175 | 292.1      | 3.5     | 1.5     | 2860            | 7100        | M249749/249749DW/249710D     |                     | 2      | 0.33 | 2              | 3              | 2              | 1.76 | 90.5         |
|          | 358.775    | 269.875 | 269.875    | 1.5     | 3.3     | 2860            | 7100        | M249749DW/M249710/M249710D   |                     | 1      | 0.33 | 2              | 3              | 2              | 1.76 | 88           |
|          | 368.3      | 204.47  | 204.622    | 1.6     | 3.2     | 1740            | 3700        | EE171000D/171450/171451D     |                     | 1      | 0.36 | 1.86           | 2.77           | 1.82           | 1.62 | 73.6         |
|          | 422.275    | 305.595 | 292.895    | 3.6     | 3.2     | 3470            | 6720        | HM252343D/HM252310/HM252311D |                     | 1      | 0.33 | 2.03           | 3.02           | 1.98           | 1.77 | 165          |
|          | 422.275    | 311.15  | 298.45     | 3.6     | 3.2     | 3470            | 6720        | HM252343D/HM252310/HM252310D |                     | 1      | 0.33 | 2.03           | 3.02           | 1.98           | 1.77 | 168          |
|          | 422.275    | 317.5   | 314.325    | 6.7     | 3.2     | 3470            | 6720        | HM252342D/HM252310/HM252310D |                     | 1      | 0.33 | 2.03           | 3.02           | 1.98           | 1.77 | 171          |
|          | 431.724    | 298.453 | 292.895    | 3.6     | 3.6     | 3470            | 6720        | HM252344D/HM252315/HM252315D |                     | 1      | 0.33 | 2.03           | 3.02           | 1.98           | 1.77 | 179          |
|          | 444.5      | 279.4   | 279.4      | 3.2     | 6.4     | 2950            | 5540        | EE822101D/822175/822176D     |                     | 1      | 0.42 | 1.62           | 2.42           | 1.59           | 1.39 | 180          |
| 260      | 360        | 265     | 265        | 3       | 2.5     | 2520            | 5950        | 382952/HC                    |                     | 1      |      |                |                |                |      | 77.8         |
|          | 360        | 272     | 272        | 3       | 2.5     | 2520            | 5950        | 260TQO360-1                  |                     | 1      | 0.34 | 2              | 3              | 1.9            | 1.72 | 82.2         |
|          | 368        | 268     | 268        | 4       | 4       | 2490            | 5550        | 260TQO368-1                  |                     | 1      | 0.32 | 2.1            | 3.2            | 2.1            | 1.82 | 87.1         |
|          | 400        | 213     | 213        | 4       | 4       | 2230            | 4200        | 260TQO400-1                  |                     | 1      | 0.4  | 1.7            | 2.5            | 1.7            | 1.46 | 92.9         |

Four-row Taper Roller Bearing

WSW

| 1型 (TQO)            |         |         |            |         |         | 2型(TQI)         |      |                              |                              | 结构   | 计算系数           |                |                |      |        | 质量(kg) |
|---------------------|---------|---------|------------|---------|---------|-----------------|------|------------------------------|------------------------------|------|----------------|----------------|----------------|------|--------|--------|
| 基本尺寸(mm)            |         |         | 基本额定载荷(kN) |         |         | 轴承代号            |      | 设计                           | 计算系数                         |      |                |                | 质量             |      |        |        |
| Boundary Dimensions |         |         |            |         |         | Bearing Numbers |      |                              | Calculation Factors          |      |                |                | Mass           |      |        |        |
| d                   | D       | T       | B          | r1.2min | r3.4min | Cr              | Cor  | 新代号                          | 旧代号                          | e    | Y <sub>1</sub> | Y <sub>2</sub> | Y <sub>0</sub> | K    | Refer. |        |
|                     |         |         |            |         |         |                 |      | New                          | Old                          |      |                |                |                |      |        |        |
| 260                 | 400     | 220     | 220        | 4       | 4       | 2230            | 4200 | 260TQO400-2                  | 77752                        | 1    | 0.4            | 1.7            | 2.5            | 1.7  | 1.46   | 96     |
|                     | 400     | 255     | 255        | 5       | 7.5     | 2620            | 5400 |                              |                              | 1    | 0.39           | 1.72           | 2.56           | 1.68 | 1.50   | 113    |
|                     | 400     | 320     | 320        | 4       | 4       | 3750            | 7950 | 260TQO400-4                  | 1                            | 0.35 | 1.9            | 2.8            | 1.9            | 1.67 | 144    |        |
|                     | 400     | 344     | 344        | 5       | 4       | 3770            | 7920 | 260TQO400-5                  | 1                            | 0.29 | 2.32           | 3.45           | 2.26           | 2.01 | 155    |        |
|                     | 400     | 345     | 345        | 5       | 4       | 3770            | 7920 | 382052                       | 1                            |      |                |                |                |      |        |        |
|                     | 440     | 298.5   | 298.5      | 2.5     | 5       | 3910            | 7350 | 260TQO440-1                  | 777752                       | 1    | 0.54           | 1.25           | 1.8            | 1.3  | 1.07   | 190    |
|                     | 440     | 300     | 300        | 5       | 4       | 3550            | 8250 | 1                            |                              | 0.35 | 1.9            | 2.9            | 1.9            | 1.67 | 196    |        |
|                     | 260.35  | 365.125 | 228.6      | 228.6   | 3.2     | 6.4             | 1940 | 4300                         | EE134103D/134143/134144D     | 1    | 0.37           | 1.8            | 2.69           | 1.76 | 1.58   | 72     |
|                     |         | 400.05  | 253.995    | 249.235 | 6.4     | 6.4             | 2600 | 5140                         | EE221025D/221575/221576D     | 1    | 0.39           | 1.71           | 2.54           | 1.67 | 1.50   | 109    |
|                     |         | 400.05  | 253.995    | 255.585 | 1.6     | 6.4             | 2600 | 5140                         | EE221027D/221575/221576D     | 1    | 0.39           | 1.71           | 2.54           | 1.67 | 1.50   | 110    |
| 422.275             |         | 305.595 | 292.895    | 3.6     | 3.2     | 3470            | 6720 | HM252347D/HM252310/HM252311D | 1                            | 0.33 | 2.03           | 3.02           | 1.98           | 1.77 | 159    |        |
| 422.275             |         | 311.15  | 298.45     | 3.6     | 3.2     | 3470            | 6720 | HM252347D/HM252310/HM252310D | 1                            | 0.33 | 2.03           | 3.02           | 1.98           | 1.77 | 162    |        |
| 422.275             |         | 317.5   | 314.325    | 6.4     | 3.2     | 3470            | 6720 | HM252349D/HM252310/HM252310D | 1                            | 0.33 | 2.03           | 3.02           | 1.98           | 1.77 | 166    |        |
| 431.724             |         | 298.453 | 292.895    | 3.6     | 3.6     | 3470            | 6720 | HM252347D/HM252315/HM252315D | 1                            | 0.33 | 2.03           | 3.02           | 1.98           | 1.77 | 173    |        |
| 266.7               |         | 355.6   | 228.6      | 230.188 | 1.6     | 3.2             | 2080 | 5100                         | LM451349D/LM451310/LM451310D | 1    | 0.36           | 1.87           | 2.79           | 1.83 | 1.62   | 62.2   |
|                     | 393.7   | 269.878 | 269.878    | 3.2     | 6.4     | 2530            | 6170 | EE275106D/275155/275156D     | 1                            | 0.4  | 1.68           | 2.5            | 1.64           | 1.46 | 108    |        |
|                     | 406.4   | 260.335 | 268.29     | 3.2     | 6.4     | 2530            | 6170 | EE275106D/275160/275161D     | 1                            | 0.4  | 1.68           | 2.5            | 1.64           | 1.46 | 128    |        |
| 269.875             | 381     | 282.575 | 282.575    | 3.2     | 3.2     | 2930            | 6690 | M252349D/M252310/M252310D    | 1                            | 0.33 | 2.03           | 3.02           | 1.98           | 1.77 | 99.7   |        |
| 270                 | 364     | 260     | 260        | 1.5     | 2       | 2240            | 5700 | 270TQO364-1                  | 1                            | 0.39 | 1.7            | 2.6            | 1.7            | 1.50 | 76.7   |        |
|                     | 410     | 222     | 222        | 4       | 4       | 2320            | 4400 | 270TQO410-1                  | 1                            | 0.35 | 1.9            | 2.9            | 1.9            | 1.67 | 99.7   |        |
| 276.225             | 380.898 | 203.2   | 187.325    | 3.3     | 6.4     | 1650            | 3600 | 89108D/89149/89149XD         | 1                            | 0.58 | 1.2            | 1.7            | 1.1            | 1.01 | 64.4   |        |
|                     | 381     | 193.675 | 187.325    | 3.2     | 3.2     | 1610            | 3900 | 89108D/89148/89151XD         | 1                            | 0.59 | 1.15           | 1.72           | 1.13           | 0.99 | 64.2   |        |
| 276.225             | 381     | 209.55  | 187.325    | 3.2     | 6.4     | 1610            | 3900 | 89108D/89150/89151XD         | 1                            | 0.59 | 1.15           | 1.72           | 1.13           | 0.99 | 67.2   |        |
|                     | 393.7   | 269.878 | 269.878    | 1.6     | 6.4     | 2530            | 6170 | EE275109D/275155/275156D     | 1                            | 0.4  | 1.68           | 2.5            | 1.64           | 1.46 | 105    |        |
|                     | 406.4   | 260.335 | 268.29     | 1.6     | 6.4     | 2530            | 6170 | EE275109D/275160/275161D     | 1                            | 0.4  | 1.68           | 2.5            | 1.64           | 1.46 | 119    |        |
| 279.4               | 381     | 269.875 | 269.875    | 1.5     | 3.3     | 2920            | 7500 | 279TQO381A-1                 | 1                            | 0.35 | 1.9            | 2.9            | 1.8            | 1.64 | 91     |        |
|                     | 393.7   | 269.875 | 269.875    | 1.6     | 6.4     | 2410            | 5560 | EE135111D/135155/135156D     | 1                            | 0.38 | 1.77           | 2.64           | 1.73           | 1.54 | 101    |        |
|                     | 407     | 288     | 320        | 3.5     | 1.5     | 3580            | 9000 | M255449/M255440DW/M255411    | 2                            | 0.33 | 2              | 3              | 2              | 1.73 | 140    |        |
|                     | 410     | 310     | 310        | 1.6     | 6.4     | 3120            | 7290 | 279TQO410-1                  | 1                            | 0.4  | 1.68           | 2.5            | 1.64           | 1.46 | 140    |        |

Four-row Taper Roller Bearing



| 1型 (TQO)            |         |         |         |                    |         | 2型(TQI) |      |                              |            | 结构 | 计算系数   |                     |                |                |                | 质量(kg) |        |
|---------------------|---------|---------|---------|--------------------|---------|---------|------|------------------------------|------------|----|--------|---------------------|----------------|----------------|----------------|--------|--------|
| 基本尺寸(mm)            |         |         |         | 基本额定载荷(kN)         |         |         |      | 轴承代号                         |            |    | Design | Calculation Factors |                |                |                |        | Mass   |
| Boundary Dimensions |         |         |         | Basic Load Ratings |         |         |      | Bearing Numbers              |            |    |        |                     |                |                |                |        | Refer. |
| d                   | D       | T       | B       | r1.2min            | r3.4min | Cr      | Cor  | 新代号<br>New                   | 旧代号<br>Old |    |        | e                   | Y <sub>1</sub> | Y <sub>2</sub> | Y <sub>0</sub> | K      |        |
| 279.4               | 469.9   | 349.25  | 346.075 | 6.4                | 3.2     | 4210    | 8740 | EE722111D/722185/722186D     |            | 1  | 0.38   | 1.79                | 2.67           | 1.75           | 1.54           | 247    |        |
|                     | 469.9   | 390.525 | 384.175 | 9.5                | 3.2     | 4210    | 8740 | EE722112D/722185/722186D     |            | 1  | 0.38   | 1.79                | 2.67           | 1.75           | 1.54           | 265    |        |
|                     | 495.3   | 285.75  | 282.735 | 1.6                | 3.2     | 3500    | 6440 | EE941106D/941950/941951XD    |            | 1  | 0.4    | 1.68                | 2.5            | 1.64           | 1.46           | 236    |        |
|                     | 495.3   | 292.1   | 289.085 | 1.6                | 3.2     | 3500    | 6440 | EE941106D/941950/941952XD    |            | 1  | 0.4    | 1.68                | 2.5            | 1.64           | 1.46           | 240    |        |
| 279.578             | 380.898 | 244.475 | 244.475 | 1.6                | 3.2     | 2280    | 5650 | LM654644D/LM654610/LM654610D |            | 1  | 0.43   | 1.57                | 2.34           | 1.53           | 1.36           | 76.9   |        |
|                     | 381     | 193.675 | 187.325 | 3.2                | 3.2     | 1610    | 3900 | 89111D/89148/89151XD         |            | 1  | 0.59   | 1.15                | 1.72           | 1.13           | 0.99           | 62.1   |        |
|                     | 381     | 209.55  | 187.325 | 3.2                | 6.4     | 1610    | 3900 | 89111D/89150/89151XD         |            | 1  | 0.59   | 1.15                | 1.72           | 1.13           | 0.99           | 65.1   |        |
|                     | 495.3   | 292.1   | 289.085 | 1.5                | 3.3     | 3700    | 7150 | EE941106D/941950/941952XD    |            | 1  | 0.4    | 1.7                 | 2.5            | 1.7            | 1.46           | 240    |        |
| 280                 | 380     | 290     | 290     | 1                  | 2.5     | 3030    | 8000 | 280TQO380-1                  |            | 1  | 0.28   | 2.4                 | 3.6            | 2.5            | 2.07           | 95     |        |
|                     | 395     | 288     | 288     | 2                  | 4       | 3470    | 8300 | 280TQO395-1                  |            | 1  | 0.28   | 2.4                 | 3.6            | 2.5            | 2.12           | 110    |        |
|                     | 420     | 224     | 224     | 4                  | 4       | 2480    | 4950 | 280TQO420-1                  |            | 1  | 0.4    | 1.7                 | 2.5            | 1.7            | 1.46           | 109    |        |
|                     | 420     | 250     | 250     | 4                  | 4       | 2780    | 5700 |                              | 77756      | 1  | 0.42   | 1.6                 | 2.4            | 1.6            | 1.39           | 117    |        |
|                     | 420     | 343.5   | 343.5   | 5                  | 4       | 3460    | 7440 | 280TQO420-3                  |            | 1  | 0.33   | 2.03                | 3.02           | 1.98           | 1.77           | 161    |        |
|                     | 460     | 305     | 305     | 5                  | 5       | 4000    | 7700 | 280TQO460-1                  |            | 1  | 0.39   | 1.7                 | 2.6            | 1.7            | 1.50           | 197    |        |
|                     | 460     | 324     | 324     | 5                  | 5       | 4100    | 7850 | 280TQO460-2                  |            | 1  | 0.47   | 1.4                 | 2.1            | 1.4            | 1.24           | 214    |        |
|                     |         |         |         |                    |         |         |      |                              |            |    |        |                     |                |                |                |        |        |
| 285.75              | 380.898 | 244.475 | 244.475 | 1.6                | 3.2     | 2280    | 5650 | LM654648D/LM654610/LM654610D |            | 1  | 0.43   | 1.57                | 2.34           | 1.53           | 1.36           | 75.8   |        |
|                     | 469.9   | 292.1   | 296.047 | 1.6                | 3.2     | 3910    | 6920 | EE921151D/921850/921851D     |            | 1  | 0.29   | 2.31                | 3.44           | 2.26           | 2.01           | 201    |        |
|                     | 476.25  | 292.1   | 296.047 | 1.6                | 3.2     | 3910    | 6920 | EE921126D/921875/921876D     |            | 1  | 0.29   | 2.31                | 3.44           | 2.26           | 2.01           | 211    |        |
| 288.925             | 406.4   | 298.45  | 298.45  | 3.2                | 3.2     | 3450    | 8840 | M255449D/M255410/M255410D    |            | 1  | 0.34   | 2                   | 2.97           | 1.95           | 1.72           | 124    |        |
| 292.1               | 422.275 | 269.875 | 269.875 | 6.4                | 3.2     | 3170    | 6830 | EE330116D/330166/330167D     |            | 1  | 0.32   | 2.11                | 3.14           | 2.06           | 1.82           | 124    |        |
| 298.45              | 444.5   | 241.3   | 238.125 | 7.9                | 1.6     | 2470    | 5520 | EE291176D/291750/291751D     |            | 1  | 0.38   | 1.79                | 2.66           | 1.75           | 1.54           | 131    |        |
| 299.974             | 439.949 | 279.4   | 280.988 | 3.2                | 4.8     | 2700    | 6450 | EE129119D/129174/129175XD    |            | 1  | 0.4    | 1.68                | 2.5            | 1.64           | 1.46           | 145    |        |
| 300                 | 420     | 310     | 310     | 4                  | 4       | 3250    | 8150 |                              | 77860U     | 1  | 0.29   | 2.3                 | 3.4            | 2.3            | 2.01           | 132    |        |
|                     | 424     | 310     | 310     | 4                  | 4       | 3050    | 7700 | 300TQO424-1                  |            | 1  | 0.4    | 1.7                 | 2.5            | 1.7            | 1.46           | 138    |        |
|                     | 430     | 280     | 280     | 3                  | 3       | 3050    | 6950 | 300TQO430-1                  |            | 1  | 0.47   | 1.4                 | 2.1            | 1.4            | 1.24           | 129    |        |
|                     | 430     | 300     | 300     | 3                  | 3       | 3550    | 8250 | 300TQO430-2                  |            | 1  | 0.35   | 1.9                 | 2.9            | 1.9            | 1.67           | 141    |        |
|                     | 440     | 279.4   | 280.988 | 3.3                | 4.8     | 3150    | 6400 | EE129119D/129174/129175D     |            | 1  | 0.4    | 1.7                 | 2.5            | 1.7            | 1.46           | 145    |        |
|                     | 460     | 248     | 248     | 4                  | 4       | 2910    | 6050 | 300TQO460-1                  |            | 1  | 0.42   | 1.6                 | 2.4            | 1.6            | 1.39           | 146    |        |

Four-row Taper Roller Bearing

WSW

| 1型(TQO)             |         |         |         |         |         | 2型(TQI)            |       |                           |                              | 结构     | 计算系数 |                     |                |                |      | 质量(kg) |     |
|---------------------|---------|---------|---------|---------|---------|--------------------|-------|---------------------------|------------------------------|--------|------|---------------------|----------------|----------------|------|--------|-----|
| 基本尺寸(mm)            |         |         |         |         |         | 基本额定载荷(kN)         |       | 轴承代号                      |                              |        | e    | 计算系数                |                |                |      | Mass   |     |
| Boundary Dimensions |         |         |         |         |         | Basic Load Ratings |       | Bearing Numbers           |                              |        |      | Calculation Factors |                |                |      | Refer. |     |
| d                   | D       | T       | B       | r1.2min | r3.4min | Cr                 | Cor   | 新代号<br>New                | 旧代号<br>Old                   | Design |      | Y <sub>1</sub>      | Y <sub>2</sub> | Y <sub>0</sub> | K    |        |     |
| 300                 | 460     | 360     | 360     | 4       | 4       | 4450               | 9900  | 300TQO460-2               | 2077160                      | 1      | 0.31 | 2.2                 | 3.3            | 2.1            | 1.88 | 216    |     |
|                     | 460     | 388.5   | 388.5   | 5       | 5       | 5390               | 12500 | 300TQO460-3               |                              | 1      | 0.33 | 2                   | 3              | 2              | 1.82 | 240    |     |
|                     | 460     | 390     | 390     | 5       | 4       | 5390               | 12500 |                           |                              | 1      |      |                     |                |                |      | 222    |     |
|                     | 470     | 270     | 270     | 4       | 4       | 3750               | 7500  | 300TQO470-1               |                              | 1      | 0.33 | 2                   | 3              | 2.0            | 1.77 | 181    |     |
|                     | 470     | 292     | 292     | 4       | 4       | 4100               | 8350  | 300TQO470-2               |                              | 1      | 0.33 | 2                   | 3              | 2.0            | 1.77 | 196    |     |
|                     | 470     | 310     | 310     | 4       | 4       | 3900               | 7850  | 300TQO470-3               |                              | 1      | 0.36 | 1.9                 | 2.8            | 1.8            | 1.62 | 197    |     |
|                     | 500     | 332     | 332     | 5       | 5       | 4650               | 8950  | 300TQO500-1               | 77760U                       | 1      | 0.39 | 1.7                 | 2.6            | 1.7            | 1.50 | 254    |     |
|                     | 500     | 350     | 350     | 5       | 4       | 4800               | 9300  |                           |                              | 1      |      |                     |                |                |      | 280    |     |
|                     | 500     | 380     | 380     | 5       | 5       | 4900               | 9600  | 300TQO500-2               |                              | 1      | 0.35 | 1.9                 | 2.9            | 1.9            | 1.67 | 300    |     |
|                     | 300.038 | 422.275 | 311.15  | 311.15  | 3.2     | 3.2                | 3390  | 8050                      | HM256849D/HM256810/HM256810D |        | 1    | 0.34                | 2              | 2.98           | 1.96 | 1.72   | 126 |
|                     | 304.648 | 438.048 | 279.4   | 280.988 | 3.2     | 4.8                | 2700  | 6450                      | EE129121D/129172/129173D     |        | 1    | 0.4                 | 1.68           | 2.5            | 1.64 | 1.46   | 137 |
|                     | 304.8   | 412.75  | 266.7   | 266.7   | 3.2     | 3.2                | 2990  | 7280                      | 304TQO412A-1                 |        | 1    | 0.32                | 2.12           | 3.15           | 2.07 | 1.82   | 100 |
| 419.1               |         | 269.875 | 269.875 | 1.6     | 6.4     | 2840               | 6950  | M257149D/M257110/M257110D |                              | 1      | 0.33 | 2.03                | 3.02           | 1.98           | 1.77 | 111    |     |
| 444.5               |         | 241.3   | 238.125 | 7.9     | 1.6     | 2470               | 5520  | EE291200D/291750/291751D  |                              | 1      | 0.38 | 1.79                | 2.66           | 1.75           | 1.54 | 125    |     |
| 444.5               |         | 241.3   | 247.65  | 7.9     | 1.6     | 2470               | 5520  | EE291202D/291750/291751D  |                              | 1      | 0.38 | 1.79                | 2.66           | 1.75           | 1.54 | 127    |     |
| 482.6               |         | 345     | 345     | 3.3     | 4.8     | 5150               | 10400 | 304TQO482A-1              |                              | 1      | 0.33 | 2                   | 3              | 2.0            | 1.77 | 245    |     |
| 482.6               |         | 377.825 | 365.125 | 3.3     | 4.8     | 5150               | 10500 | 304TQO482A-2              |                              | 1      | 0.37 | 1.8                 | 2.7            | 1.8            | 1.58 | 223    |     |
| 495.3               |         | 285.75  | 282.735 | 1.6     | 3.2     | 3760               | 7690  | EE941206D/941950/941951XD |                              | 1      | 0.4  | 1.68                | 2.5            | 1.64           | 1.46 | 217    |     |
| 495.3               |         | 292.1   | 289.085 | 1.6     | 3.2     | 3760               | 7690  | EE941206D/941950/941952XD |                              | 1      | 0.4  | 1.68                | 2.5            | 1.64           | 1.46 | 221    |     |
| 495.3               |         | 292.1   | 295.435 | 1.6     | 3.2     | 3500               | 6440  | EE941207D/941950/941952XD |                              | 1      | 0.4  | 1.68                | 2.5            | 1.64           | 1.46 | 215    |     |
| 495.3               |         | 349.25  | 342.9   | 3.2     | 6.4     | 4370               | 9370  | EE724121D/724195/724196D  |                              | 1      | 0.4  | 1.68                | 2.5            | 1.64           | 1.46 | 283    |     |
| 501.65              |         | 336.55  | 336.55  | 3.2     | 4.8     | 4870               | 9420  | 304TQO501A-1              |                              | 1      | 0.33 | 2.03                | 3.02           | 1.98           | 1.77 | 262    |     |
| 304.902             |         | 412.648 | 266.7   | 266.7   | 3.2     | 3.2                | 2990  | 7280                      | M257248D/M257210/M257210D    |        | 1    | 0.32                | 2.12           | 3.15           | 2.07 | 1.82   | 102 |
| 305.003             | 438.048 | 279.4   | 280.99  | 3.2     | 4.8     | 3230               | 6980  | M757449D/M757410/M757410D |                              | 1      | 0.47 | 1.44                | 2.15           | 1.41           | 1.24 | 132    |     |
| 310                 | 430     | 310     | 310     | 3       | 3       | 3450               | 8500  | 310TQO430-1               |                              | 1      | 0.34 | 2                   | 2.9            | 1.9            | 1.72 | 135    |     |
|                     | 455     | 222     | 222     | 4       | 4       | 2520               | 5100  | 310TQO455-1               |                              | 1      | 0.39 | 1.7                 | 2.6            | 1.7            | 1.50 | 117    |     |
|                     | 460     | 325     | 325     | 1.5     | 5       | 4050               | 9200  | 310TQO460-1               |                              | 1      | 0.41 | 1.6                 | 2.4            | 1.6            | 1.42 | 186    |     |

Four-row Taper Roller Bearing

WSW

| 1型 (TQO)            |         |         |            |         |         | 2型(TQI)         |       |                              | 结构         | 计算系数                |      |                |                |                | 质量(kg) |        |
|---------------------|---------|---------|------------|---------|---------|-----------------|-------|------------------------------|------------|---------------------|------|----------------|----------------|----------------|--------|--------|
| 基本尺寸(mm)            |         |         | 基本额定载荷(kN) |         |         | 轴承代号            |       | Design                       |            | Calculation Factors |      |                |                |                | Mass   |        |
| Boundary Dimensions |         |         |            |         |         | Bearing Numbers |       |                              |            |                     |      |                |                |                | Refer. |        |
|                     |         |         |            |         |         |                 |       |                              |            |                     |      |                |                |                |        |        |
| d                   | D       | T       | B          | r1.2min | r3.4min | Cr              | Cor   | 新代号<br>New                   | 旧代号<br>Old |                     | e    | Y <sub>1</sub> | Y <sub>2</sub> | Y <sub>0</sub> | K      | Refer. |
| 317.5               | 422.275 | 269.875 | 269.875    | 1.6     | 3.2     | 2930            | 7450  | LM258649D/LM258610/LM258610D |            | 1                   | 0.32 | 2.12           | 3.15           | 2.07           | 1.82   | 104    |
|                     | 438.15  | 276.225 | 276.225    | 1.5     | 3.3     | 3520            | 8300  | 317TQO438A-1                 |            | 1                   | 0.43 | 1.6            | 2.3            | 1.6            | 1.34   | 125    |
|                     | 447.675 | 327.025 | 327.025    | 3.2     | 3.2     | 4230            | 10200 | HM259049D/HM259010/HM259010D |            | 1                   | 0.33 | 2.02           | 3              | 1.97           | 1.77   | 165    |
| 320                 | 440     | 335     | 335        | 3       | 3       | 3550            | 8750  | 320TQO440-1                  |            | 1                   | 0.33 | 2              | 3              | 2.0            | 1.77   | 146    |
|                     | 460     | 325     | 325        | 4       | 4       | 3850            | 8650  | 320TQO460-1                  |            | 1                   | 0.42 | 1.6            | 2.4            | 1.6            | 1.39   | 170    |
|                     | 460     | 338     | 338        | 4       | 4       | 3950            | 9200  | 320TQO460-2                  |            | 1                   | 0.4  | 1.7            | 2.5            | 1.7            | 1.46   | 178    |
|                     | 480     | 254     | 254        | 4       | 4       | 3150            | 6250  | 320TQO480-1                  |            | 1                   | 0.39 | 1.7            | 2.6            | 1.7            | 1.50   | 156    |
|                     | 480     | 360     | 360        | 1.5     | 2.5     | 4400            | 10000 | 320TQO480-2                  |            | 1                   | 0.47 | 1.4            | 2.1            | 1.4            | 1.24   | 227    |
|                     | 480     | 380     | 380        | 5       | 4       | 4700            | 9600  |                              | 2077164    | 1                   |      |                |                |                |        | 252    |
|                     | 500     | 380     | 380        | 1.5     | 4       | 5540            | 11900 | 320TQO500-1                  |            | 1                   | 0.33 | 2.03           | 3.02           | 1.98           | 1.77   | 284    |
|                     | 540     | 364     | 364        | 5       | 5       | 5750            | 11500 | 320TQO540-1                  |            | 1                   | 0.39 | 1.7            | 2.6            | 1.7            | 1.50   | 352    |
| 325                 | 430     | 230     | 230        | 1       | 3       | 2410            | 5800  | 325TQO430-1                  |            | 1                   | 0.4  | 1.68           | 2.5            | 1.64           | 1.46   | 82.9   |
| 327.025             | 482.6   | 311.15  | 306.388    | 1.5     | 3.3     | 3400            | 7350  | EE526129D/526190/526191D     |            | 1                   | 0.39 | 1.7            | 2.6            | 1.7            | 1.50   | 185    |
| 330                 | 460     | 240     | 240        | 3       | 3       | 2630            | 6400  | 330TQO460-1                  |            | 1                   | 0.47 | 1.4            | 2.1            | 1.4            | 1.24   | 123    |
| 330.2               | 444.5   | 301.625 | 301.625    | 3.3     | 3.3     | 3800            | 8500  | M260149D/M260110/260110D     |            | 1                   | 0.4  | 1.7            | 2.5            | 1.7            | 1.46   | 136    |
|                     | 482.6   | 311.15  | 306.388    | 1.6     | 3.2     | 3700            | 8190  | EE526131D/526190/526191D     |            | 1                   | 0.39 | 1.73           | 2.57           | 1.69           | 1.50   | 188    |
|                     | 508     | 290     | 290        | 6.4     | 6.4     | 4020            | 7760  | 330TQO508A-1                 |            | 1                   | 0.49 | 1.38           | 2.06           | 1.35           | 1.19   | 210    |
|                     | 508     | 292.1   | 292.1      | 6.4     | 3.3     | 4000            | 8150  | 330TQO508A-2                 |            | 1                   | 0.4  | 1.7            | 2.5            | 1.7            | 1.46   | 214    |
|                     | 508     | 307.975 | 307.975    | 2       | 5       | 4590            | 9050  | 330TQO508A-3                 |            | 1                   | 0.29 | 2.32           | 3.45           | 2.26           | 2.01   | 219    |
|                     | 533.4   | 280     | 280        | 6       | 2       | 3830            | 7500  | 330TQO533A-1                 |            | 1                   | 0.33 | 2.03           | 3.02           | 1.98           | 1.77   | 225    |
|                     | 540     | 290     | 290        | 6       | 5       | 4520            | 8890  | 330TQO540A-1                 |            | 1                   | 0.33 | 2.03           | 3.02           | 1.98           | 1.77   | 277    |
| 330.302             | 438.023 | 254     | 247.65     | 1.5     | 3.3     | 3250            | 6800  | EE138131D/138172/138173D     |            | 1                   | 0.44 | 1.5            | 2.3            | 1.5            | 1.33   | 108    |
| 333.375             | 469.9   | 328.612 | 366.712    | 6.4     | 1.5     | 4570            | 11400 | 333TQI469A-1                 |            | 2                   | 0.33 | 2              | 3              | 2              | 1.73   | 190    |
| 333.375             | 469.9   | 342.9   | 342.9      | 3.2     | 3.2     | 4630            | 11400 | HM261049D/HM261010/HM261010D |            | 1                   | 0.33 | 2.02           | 3              | 1.97           | 1.77   | 184    |
| 335                 | 460     | 342.9   | 342.9      | 3.3     | 3.3     | 3900            | 9850  | 335TQO460-1                  |            | 1                   | 0.39 | 1.7            | 2.6            | 1.7            | 1.50   | 167    |
| 340                 | 420     | 278     | 278        | 6       | 5       | 3470            | 7710  | 340TQO420-1                  |            | 1                   | 0.26 | 2.55           | 3.8            | 2.5            | 2.24   | 207    |
|                     | 460     | 254     | 254        | 3       | 3       | 2630            | 6400  | 340TQO460-1                  |            | 1                   | 0.47 | 1.4            | 2.1            | 1.4            | 1.24   | 118    |

Four-row Taper Roller Bearing

WSW

| 1型 (TQO)            |         |         |         |                    |         | 2型(TQI) |       |                               |            | 结构 | 计算系数   |                     |                |                |                | 质量(kg) |
|---------------------|---------|---------|---------|--------------------|---------|---------|-------|-------------------------------|------------|----|--------|---------------------|----------------|----------------|----------------|--------|
| 基本尺寸(mm)            |         |         |         | 基本额定载荷(kN)         |         |         |       | 轴承代号                          |            |    | Design | Calculation Factors |                |                |                | Mass   |
| Boundary Dimensions |         |         |         | Basic Load Ratings |         |         |       | Bearing Numbers               |            |    |        |                     |                |                |                | Refer. |
| d                   | D       | T       | B       | r1.2min            | r3.4min | Cr      | Cor   | 新代号<br>New                    | 旧代号<br>Old |    |        | e                   | Y <sub>1</sub> | Y <sub>2</sub> | Y <sub>0</sub> | K      |
| 340                 | 460     | 310     | 310     | 4                  | 4       | 2930    | 7250  |                               | 2077968    | 1  |        |                     |                |                | 147            |        |
|                     | 480     | 350     | 350     | 5                  | 5       | 4000    | 10100 | 340TQO480-1                   |            | 1  | 0.29   | 2.3                 | 3.4            | 2.3            | 2.01           | 198    |
|                     | 520     | 278     | 278     | 6                  | 5       | 4050    | 8250  | 340TQO520-1                   |            | 1  | 0.39   | 1.7                 | 2.6            | 1.7            | 1.50           | 213    |
|                     | 520     | 323     | 323     | 6                  | 5       | 4380    | 8920  | 340TQO520-2                   |            | 1  | 0.4    | 1.68                | 2.5            | 1.64           | 1.46           | 242    |
|                     |         |         |         |                    |         |         |       |                               |            |    |        |                     |                |                |                |        |
|                     | 520     | 323.5   | 323.5   | 1.5                | 5       | 5230    | 10400 | 340TQO520-3                   |            | 1  | 0.3    | 2.3                 | 3.4            | 2.2            | 2.01           | 245    |
|                     | 520     | 325     | 325     | 5                  | 5       | 4700    | 9600  | 381068                        |            | 1  | 0.3    | 2.3                 | 3.4            | 2.2            | 1.95           | 251    |
|                     | 580     | 392     | 392     | 5                  | 5       | 6150    | 12200 | 340TQO580-1                   |            | 1  | 0.39   | 1.7                 | 2.6            | 1.7            | 1.50           | 442    |
|                     |         |         |         |                    |         |         |       |                               |            |    |        |                     |                |                |                |        |
|                     |         |         |         |                    |         |         |       |                               |            |    |        |                     |                |                |                |        |
| 341.312             | 457.098 | 254     | 254     | 1.5                | 3.3     | 2930    | 7250  | LM761648DW/LM761610/LM761610D |            | 1  | 0.45   | 1.5                 | 2.2            | 1.5            | 1.30           | 116    |
| 342.9               | 533.4   | 301.625 | 307.985 | 3.2                | 3.2     | 3740    | 7160  | EE971355D/972100/972103D      |            | 1  | 0.33   | 2.03                | 3.02           | 1.98           | 1.77           | 238    |
|                     | 571.5   | 342.9   | 342.9   | 3.3                | 6.4     | 6550    | 10600 | EE536136D/536225/536226D      |            | 1  | 0.33   | 2                   | 3              | 2.0            | 1.77           | 369    |
| 343.052             | 457.098 | 209     | 209     | 1.6                | 2       | 2350    | 5360  | 343TQO457A-1                  |            | 1  | 0.47   | 1.43                | 2.12           | 1.4            | 1.24           | 91.1   |
|                     | 457.098 | 254     | 254     | 1.6                | 3.3     | 2500    | 6670  | LM961548D/LM961511/LM961511D  |            | 1  | 0.71   | 0.95                | 1.41           | 0.93           | 0.82           | 115    |
| 346.075             | 457.2   | 254     | 254     | 1.6                | 3.2     | 2850    | 6950  | 346TQO457A-1                  |            | 1  | 0.47   | 1.43                | 2.12           | 1.4            | 1.24           | 102    |
|                     | 488.95  | 358.775 | 358.775 | 3.3                | 3.3     | 4550    | 11200 | HM262749D/HM262710/HM262710D  |            | 1  | 0.36   | 1.9                 | 2.8            | 1.8            | 1.62           | 210    |
| 347.662             | 469.9   | 246.063 | 280.194 | 3.3                | 1.5     | 3360    | 8280  | 347TQI469A-1                  |            | 2  | 0.33   | 2                   | 3              | 2              | 1.76           | 135    |
|                     | 469.9   | 260.35  | 260.35  | 1.5                | 3.3     | 3100    | 7500  | LM262449DW/LM262410/LM262410D |            | 1  | 0.33   | 2                   | 3              | 2.0            | 1.77           | 129    |
|                     | 469.9   | 292.1   | 292.1   | 3.2                | 3.2     | 3600    | 9040  | M262449D/M262410/M262410D     |            | 1  | 0.33   | 2.03                | 3.02           | 1.98           | 1.77           | 146    |
| 355                 | 490     | 316     | 316     | 2                  | 4       | 4100    | 9750  | 355TQO490-1                   |            | 1  | 0.33   | 2                   | 3              | 2.0            | 1.77           | 177    |
|                     |         |         |         |                    |         |         |       |                               |            |    |        |                     |                |                |                |        |
| 355.6               | 444.5   | 241.3   | 241.3   | 1.6                | 3.2     | 2220    | 6890  | L163149D/L163110/L163110D     |            | 1  | 0.31   | 2.2                 | 3.27           | 2.15           | 1.88           | 85.5   |
|                     | 457.2   | 252.412 | 252.412 | 1.5                | 3.3     | 3450    | 8150  | LM263149DW/LM263110/LM263110D |            | 1  | 0.32   | 2.1                 | 3.1            | 2.1            | 1.83           | 104    |
| 355.6               | 482.6   | 269.875 | 265.112 | 1.6                | 3.2     | 3060    | 7020  | LM763449D/LM763410/LM763410D  |            | 1  | 0.47   | 1.43                | 2.14           | 1.4            | 1.24           | 138    |
|                     | 488.95  | 317.5   | 317.5   | 1.6                | 3.2     | 4370    | 10900 | M263349D/M263310/M263310D     |            | 1  | 0.33   | 2.03                | 3.02           | 1.98           | 1.77           | 174    |
|                     | 514.35  | 260.35  | 244.475 | 3.2                | 3.2     | 2710    | 6560  | EE231401D/232025/232026D      |            | 1  | 0.44   | 1.53                | 2.28           | 1.5            | 1.33           | 177    |
| 356.387             | 482.6   | 222.25  | 219.075 | 1.6                | 6.4     | 2100    | 4990  | EE161403D/161900/161901D      |            | 1  | 0.5    | 1.35                | 2.01           | 1.32           | 1.17           | 116    |
| 360                 | 480     | 370     | 370     | 3                  | 3       | 4150    | 11100 | 360TQO480-1                   |            | 1  | 0.33   | 2                   | 3              | 2.0            | 1.77           | 181    |
|                     | 480     | 375     | 375     | 3                  | 3       | 4150    | 11200 |                               | 77872      | 1  | 0.33   | 2                   | 3              | 2.0            | 1.77           | 183    |
|                     | 508     | 370     | 370     | 3                  | 5       | 4750    | 11900 | 360TQO508-1                   |            | 1  | 0.4    | 1.7                 | 2.5            | 1.7            | 1.46           | 235    |
|                     | 510     | 380     | 380     | 2                  | 6       | 5610    | 14300 | 360TQO510-1                   |            | 1  | 0.33   | 2                   | 3              | 2              | 1.81           | 255    |

Four-row Taper Roller Bearing

WSW

| 1型 (TQO)            |        |         |         |                    |         | 2型(TQI) |       |                            | 结构                           | 计算系数                |        |      |                |                | 质量(kg)         |      |              |
|---------------------|--------|---------|---------|--------------------|---------|---------|-------|----------------------------|------------------------------|---------------------|--------|------|----------------|----------------|----------------|------|--------------|
| 基本尺寸(mm)            |        |         |         | 基本额定载荷(kN)         |         |         |       | 轴承代号                       |                              | 计算系数                |        |      |                |                | 质量(kg)         |      |              |
| Boundary Dimensions |        |         |         | Basic Load Ratings |         |         |       | Bearing Numbers            |                              | Calculation Factors |        |      |                |                | Mass           |      |              |
| d                   | D      | T       | B       | r1.2min            | r3.4min | Cr      | Cor   | 新代号<br>New                 |                              | 旧代号<br>Old          | Design | e    | Y <sub>1</sub> | Y <sub>2</sub> | Y <sub>0</sub> | K    | 参考<br>Refer. |
| 360                 | 520    | 370     | 370     | 3                  | 5       | 5050    | 11700 | 360TQO520-1                |                              | 1                   | 0.33   | 2.1  | 3.1            | 2.0            | 1.77           | 256  |              |
|                     | 520    | 410     | 410     | 6                  | 5       | 5970    | 14300 | 360TQO520-2                |                              | 1                   | 0.33   | 2.03 | 3.02           | 1.98           | 1.77           | 281  |              |
|                     | 540    | 280     | 280     | 5                  | 5       | 4200    | 8700  | 360TQO540-1                |                              | 1                   | 0.39   | 1.7  | 2.6            | 1.7            | 1.50           | 229  |              |
|                     | 540    | 360     | 360     | 5                  | 5       | 4600    | 10000 | 360TQO540-2                |                              | 1                   | 0.4    | 1.7  | 2.5            | 1.7            | 1.46           | 278  |              |
|                     | 540    | 460     | 460     | 5                  | 5       | 6440    | 15800 | 360TQO540-3                |                              | 1                   | 0.27   | 2.47 | 3.67           | 2.41           | 2.16           | 375  |              |
|                     | 600    | 396     | 396     | 5                  | 5       | 7000    | 14200 | 360TQO600-1                | 1077772                      | 1                   | 0.39   | 1.7  | 2.6            | 1.7            | 1.50           | 465  |              |
|                     | 600    | 420     | 420     | 5                  | 5       | 8000    | 17500 |                            |                              | 1                   | 0.44   | 1.5  | 2.3            | 1.5            | 1.33           | 388  |              |
|                     | 600    | 540     | 540     | 5                  | 5       | 9050    | 19900 | 360TQO600-2                |                              | 1                   | 0.42   | 1.6  | 2.4            | 1.6            | 1.39           | 628  |              |
|                     | 368.3  | 523.875 | 366.712 | 411.162            | 6.4     | 1.5     | 5830  | 15000                      | 368TQI523A-1                 |                     | 2      | 0.33 | 2              | 3              | 2              | 1.76 | 275          |
|                     |        | 523.875 | 382.588 | 382.588            | 3.2     | 6.4     | 5460  | 13600                      | HM265049D/HM265010/HM265010D |                     | 1      | 0.33 | 2.03           | 3.02           | 1.98           | 1.77 | 270          |
| 563                 |        | 382.588 | 382.588 | 3.2                | 6.4     | 6380    | 13800 | 368TQO523A-1               |                              | 1                   | 0.29   | 2.32 | 3.45           | 2.26           | 2.01           | 352  |              |
| 596.9               |        | 342.9   | 342.9   | 6.4                | 6.4     | 5700    | 11500 | EE181455D/1812350/1812351D |                              | 1                   | 0.41   | 1.6  | 2.4            | 1.6            | 1.42           | 385  |              |
| 596.9               |        | 342.9   | 336.55  | 6.4                | 6.4     | 4830    | 9310  | EE181454D/182350/182351D   |                              | 1                   | 0.42   | 1.62 | 2.42           | 1.59           | 1.39           | 347  |              |
|                     |        |         |         |                    |         |         |       |                            |                              |                     |        |      |                |                |                |      |              |
| 370                 | 490    | 292     | 292     | 3                  | 3       | 3450    | 9300  | 370TQO490-1                |                              | 1                   | 0.34   | 2    | 2.9            | 1.9            | 1.72           | 151  |              |
|                     | 510    | 340     | 340     | 4                  | 5       | 4660    | 11300 | 370TQO510-1                |                              | 1                   | 0.35   | 1.95 | 2.9            | 1.91           | 1.67           | 200  |              |
|                     | 516    | 346     | 346     | 1.5                | 4       | 4880    | 11700 | 370TQO516-1                |                              | 1                   | 0.4    | 1.68 | 2.5            | 1.64           | 1.46           | 211  |              |
| 374.65              | 501.65 | 260.35  | 250.825 | 1.6                | 3.2     | 2710    | 6560  | EE231475D/231975/231976D   |                              | 1                   | 0.44   | 1.53 | 2.28           | 1.5            | 1.33           | 137  |              |
|                     | 514.35 | 260.35  | 260.35  | 1.6                | 3.2     | 2710    | 6560  | EE231475D/232025/232026D   |                              | 1                   | 0.44   | 1.53 | 2.28           | 1.5            | 1.33           | 158  |              |
| 380                 | 520    | 350     | 350     | 4                  | 4       | 4250    | 11000 | 380TQO520-1                |                              | 1                   | 0.31   | 2.2  | 3.3            | 2.1            | 1.88           | 219  |              |
| 380                 | 520    | 360     | 360     | 6                  | 5       | 4610    | 12200 | 380TQO520-2                |                              | 1                   | 0.32   | 2.12 | 3.15           | 2.07           | 1.82           | 225  |              |
|                     | 520    | 400     | 400     | 2.5                | 4       | 5050    | 12900 | 380TQO520-3                |                              | 1                   | 0.35   | 1.9  | 2.9            | 1.9            | 1.67           | 243  |              |
|                     | 536    | 390     | 390     | 5                  | 5       | 5200    | 13100 | 380TQO536-1                | 77776                        | 1                   | 0.4    | 1.7  | 2.5            | 1.7            | 1.46           | 272  |              |
|                     | 550    | 350     | 330     | 5                  | 5       | 4200    | 9050  |                            |                              | 1                   | 0.44   | 1.5  | 2.3            | 1.5            | 1.33           | 273  |              |
|                     | 560    | 282     | 282     | 5                  | 5       | 4200    | 9050  | 380TQO560-1                |                              | 1                   | 0.42   | 1.6  | 2.4            | 1.6            | 1.39           | 244  |              |
|                     |        |         |         |                    |         |         |       |                            |                              |                     |        |      |                |                |                |      |              |
|                     | 560    | 285     | 285     | 5                  | 5       | 4500    | 9550  | 380TQO560-2                |                              | 1                   | 0.37   | 1.8  | 2.7            | 1.8            | 1.58           | 246  |              |
|                     | 560    | 325     | 325     | 2                  | 5       | 5500    | 11800 | 380TQO560-3                |                              | 1                   | 0.31   | 2.2  | 3.3            | 2.2            | 1.85           | 265  |              |
|                     | 560    | 360     | 360     | 2                  | 6       | 6160    | 13700 | 380TQO560-4                |                              | 1                   | 0.4    | 1.7  | 2.5            | 1.6            | 1.44           | 295  |              |
|                     |        | 560     | 370     | 370                | 6       | 5       | 5910  | 13600                      | 380TQO560-5                  |                     | 1      | 0.33 | 2.03           | 3.02           | 1.98           | 1.77 | 312          |

Four-row Taper Roller Bearing

WSW

| 1型 (TQO) |            |         |                    |         |         | 2型(TQI)         |       |                                           |                               | 结构                           | 计算系数   |                     |                |                |      | 质量(kg) |     |
|----------|------------|---------|--------------------|---------|---------|-----------------|-------|-------------------------------------------|-------------------------------|------------------------------|--------|---------------------|----------------|----------------|------|--------|-----|
| 基本尺寸(mm) |            |         | 基本额定载荷(kN)         |         |         | 轴承代号            |       | 新代号                                       | 旧代号                           |                              | Design | Calculation Factors |                |                |      | Mass   |     |
| Boundary | Dimensions |         | Basic Load Ratings |         |         | Bearing Numbers |       |                                           |                               |                              |        | Refer.              |                |                |      | Refer. |     |
| d        | D          | T       | B                  | r1.2min | r3.4min | Cr              | Cor   | New                                       | Old                           |                              | e      | Y <sub>1</sub>      | Y <sub>2</sub> | Y <sub>0</sub> | K    | Refer. |     |
| 380      | 580        | 500     | 500                | 6       | 5       | 7400            | 17500 | 380TQO580-1                               | 3077776                       | 1                            | 0.33   | 2.03                | 3.02           | 1.98           | 1.77 | 467    |     |
|          | 620        | 368     | 368                | 6       | 6       | 7040            | 13700 | 380TQO620-1                               |                               | 1                            | 0.43   | 1.6                 | 2.3            | 1.6            | 1.36 | 438    |     |
|          | 620        | 388     | 388                | 6       | 6       | 7040            | 13700 |                                           |                               | 1                            |        |                     |                |                |      | 443    |     |
|          | 620        | 400     | 400                | 5       | 5       | 7150            | 14800 | 380TQO620-2                               | 1077776                       | 1                            | 0.4    | 1.7                 | 2.5            | 1.7            | 1.46 | 490    |     |
|          | 620        | 418.5   | 418.5              | 6       | 5       | 7080            | 14000 | 380TQO620-1                               |                               | 1                            | 0.46   | 1.47                | 2.19           | 1.44           | 1.27 | 499    |     |
|          | 620        | 420     | 420                | 5       | 4       | 7080            | 14000 | 381176/HC                                 |                               | 1                            |        |                     |                |                |      | 485    |     |
|          | 384.175    | 546.1   | 384.175            | 428.625 | 6.4     | 1.5             | 6440  | 16600                                     | 384TQI546A-1                  | HM266449D/HM266410/HM266410D | 2      | 0.33                | 2              | 3              | 2    | 1.76   | 300 |
|          |            | 546.1   | 400.05             | 400.05  | 3.2     | 6.4             | 6530  | 16900                                     |                               |                              | 1      | 0.33                | 2.03           | 3.02           | 1.98 | 1.77   | 315 |
|          | 385.763    | 514.35  | 317.5              | 317.5   | 3.2     | 3.2             | 4130  | 10800                                     | LM665949DW/LM665910/LM665910D |                              | 1      | 0.42                | 1.61           | 2.4            | 1.58 | 1.39   | 182 |
| 390      | 510        | 350     | 350                | 1.5     | 3       | 4250            | 11700 | 390TQO510-1                               |                               | 1                            | 0.33   | 2                   | 3              | 2.0            | 1.77 | 188    |     |
| 393.7    | 546.1      | 288.925 | 288.925            | 1.6     | 6.4     | 3680            | 9390  | LM767745D/LM767710/LM67710D               |                               | 1                            | 0.48   | 1.42                | 2.11           | 1.39           | 1.22 | 205    |     |
|          | 558.8      | 254     | 255.588            | 3.2     | 6.4     | 2970            | 7620  | EE234157D/234220/234221D                  |                               | 1                            | 0.48   | 1.42                | 2.11           | 1.39           | 1.22 | 205    |     |
| 395      | 545        | 288.7   | 268.7              | 4       | 7.5     | 3450            | 8550  | 395TQO545-1<br>395TQO545-2<br>395TQO545-3 | 77779                         | 1                            | 0.44   | 1.5                 | 2.3            | 1.5            | 1.33 | 194    |     |
|          | 545        | 288.7   | 269.2              | 4       | 7.5     | 3450            | 8550  |                                           |                               | 1                            | 0.47   | 1.4                 | 2.1            | 1.4            | 1.24 | 196    |     |
|          | 545        | 288.7   | 270.3              | 5       | 7.5     | 3330            | 7680  |                                           |                               | 1                            | 0.43   | 1.57                | 2.34           | 1.53           | 1.36 | 181    |     |
|          | 545        | 288.9   | 268                | 5       | 10      | 3910            | 9500  |                                           |                               | 1                            | 0.48   | 1.4                 | 2.1            | 1.4            | 1.22 | 195    |     |
| 400      | 540        | 280     | 280                | 4       | 7.5     | 4840            | 12500 | 400TQI540-1                               | 77880                         | 1                            |        |                     |                |                |      | 187    |     |
|          | 540        | 295     | 330                | 3.3     | 1.5     | 4840            | 12500 |                                           |                               | 2                            | 0.31   | 2.2                 | 3.3            | 2.2            | 1.89 | 210    |     |
| 400      | 540        | 400     | 400                | 5       | 5       | 4840            | 12500 | 380680/HC                                 |                               | 1                            |        |                     |                |                |      | 262    |     |
|          | 600        | 356     | 356                | 5       | 5       | 5150            | 11100 | 381080/HC                                 |                               | 1                            |        |                     |                |                |      | 345    |     |
|          | 564        | 412     | 412                | 5       | 5       | 5500            | 13800 | 400TQO564-1                               |                               | 1                            | 0.4    | 1.7                 | 2.5            | 1.7            | 1.46 | 315    |     |
|          | 590        | 304     | 304                | 5       | 5       | 4600            | 10000 | 400TQO590-1                               |                               | 1                            | 0.42   | 1.6                 | 2.4            | 1.6            | 1.39 | 287    |     |
|          | 600        | 308     | 308                | 5       | 5       | 5150            | 11100 | 400TQO600-1                               |                               | 1                            | 0.37   | 1.8                 | 2.7            | 1.8            | 1.58 | 316    |     |
|          | 650        | 414     | 414                | 6       | 6       | 7800            | 16600 | 400TQO650-1                               |                               | 1                            | 0.39   | 1.7                 | 2.6            | 1.7            | 1.50 | 555    |     |
| 406.4    | 546.1      | 288.925 | 268.288            | 1.6     | 6.4     | 2970            | 7620  | EE234161D/234215/234216D                  |                               | 1                            | 0.48   | 1.42                | 2.11           | 1.39           | 1.22 | 184    |     |
|          | 546.1      | 288.925 | 288.925            | 1.6     | 6.4     | 3680            | 9390  | LM767749D/LM767710/LM767710D              |                               | 1                            | 0.48   | 1.42                | 2.11           | 1.39           | 1.22 | 192    |     |
|          | 546.1      | 330     | 330                | 3.3     | 6.4     | 4500            | 11500 | 406TQO546A-1                              |                               | 1                            | 0.41   | 1.7                 | 2.5            | 1.6            | 1.42 | 214    |     |
|          | 546.1      | 357.4   | 357.4              | 1.6     | 6.4     | 4600            | 11700 | 406TQO546A-2                              |                               | 1                            | 0.47   | 1.43                | 2.12           | 1.4            | 1.24 | 232    |     |

Four-row Taper Roller Bearing

WSW

| 1型 (TQO)            |        |         |         |                    |         | 2型(TQI) |       |                             |            | 结构 | 计算系数                |      |                |                |                | 质量(kg) |
|---------------------|--------|---------|---------|--------------------|---------|---------|-------|-----------------------------|------------|----|---------------------|------|----------------|----------------|----------------|--------|
| 基本尺寸(mm)            |        |         |         | 基本额定载荷(kN)         |         |         |       | 轴承代号                        |            |    | 计算系数                |      |                |                |                | Mass   |
| Boundary Dimensions |        |         |         | Basic Load Ratings |         |         |       | Bearing Numbers             |            |    | Calculation Factors |      |                |                |                | Refer. |
| d                   | D      | T       | B       | r1.2min            | r3.4min | Cr      | Cor   | 新代号<br>New                  | 旧代号<br>Old |    | Design              | e    | Y <sub>1</sub> | Y <sub>2</sub> | Y <sub>0</sub> | K      |
| 406.4               | 558.8  | 254     | 255.588 | 1.6                | 6.4     | 2970    | 7620  | EE234161D/234220/234221D    |            | 1  | 0.48                | 1.42 | 2.11           | 1.39           | 1.22           | 189    |
|                     | 565.15 | 381     | 381     | 3.2                | 6.4     | 5990    | 15000 | M267949D/M267910/M267910XD  |            | 1  | 0.33                | 2.03 | 3.02           | 1.98           | 1.77           | 291    |
|                     | 590.55 | 381     | 434.975 | 9.7                | 1.5     | 6930    | 16600 | 406TQI590A-1                |            | 2  | 0.33                | 2    | 3              | 2              | 1.8            | 370    |
|                     | 590.55 | 400.05  | 400.05  | 3.2                | 6.4     | 6120    | 14100 | EE833161D/833232/833233D    |            | 1  | 0.32                | 2.08 | 3.1            | 2.04           | 1.82           | 358    |
|                     | 609.6  | 317.5   | 309.563 | 3.6                | 6.4     | 4890    | 10600 | EE911603D/912400/912401D    |            | 1  | 0.38                | 1.76 | 2.62           | 1.72           | 1.54           | 320    |
| 409.575             | 546.1  | 334.963 | 334.963 | 1.6                | 6.4     | 4570    | 11500 | M667947D/M667910/M667910D   |            | 1  | 0.42                | 1.62 | 2.42           | 1.59           | 1.39           | 200    |
| 415.925             | 590.55 | 419.1   | 469.9   | 6.4                | 1.5     | 7210    | 19300 | 415TQI546A-1                |            | 2  | 0.33                | 2    | 3              | 2              | 1.76           | 405    |
|                     | 590.55 | 434.975 | 434.975 | 3.2                | 6.4     | 6780    | 17900 | M268749D/M268710/M268710D   |            | 1  | 0.33                | 2.03 | 3.02           | 1.98           | 1.77           | 390    |
| 416                 | 574    | 480     | 480     | 4                  | 4       | 6500    | 17100 | 416TQO574-1                 |            | 1  | 0.28                | 2.4  | 3.6            | 2.4            | 2.08           | 366    |
| 420                 | 560    | 370     | 370     | 6                  | 5       | 4950    | 13600 | 420TQO560-1                 |            | 1  | 0.32                | 2.12 | 3.15           | 2.07           | 1.82           | 246    |
|                     | 560    | 437     | 437     | 3                  | 5       | 5400    | 14500 | 380684/HC                   |            | 1  | 0.31                | 2.2  | 2.3            | 2.1            | 1.88           | 284    |
|                     | 592    | 432     | 432     | 5                  | 5       | 5850    | 14700 | 420TQO592-1                 |            | 1  | 0.41                | 1.7  | 2.5            | 1.6            | 1.42           | 363    |
|                     | 620    | 312     | 312     | 5                  | 5       | 5450    | 12100 | 420TQO620-1                 |            | 1  | 0.39                | 1.7  | 2.6            | 1.7            | 1.50           | 331    |
|                     | 620    | 355     | 355     | 5                  | 5       | 5800    | 13100 | 420TQO620-2                 |            | 1  | 0.39                | 1.7  | 2.6            | 1.7            | 1.50           | 364    |
|                     | 630    | 540     | 540     | 6                  | 5       | 8990    | 21500 | 420TQO630-1                 |            | 1  | 0.3                 | 2.25 | 3.34           | 2.2            | 1.95           | 600    |
|                     | 650    | 460     | 460     | 6                  | 6       | 7700    | 17200 | 420TQO650-1                 |            | 1  | 0.4                 | 1.7  | 2.5            | 1.7            | 1.46           | 547    |
|                     | 700    | 460     | 460     | 6                  | 6       | 9350    | 20300 | 420TQO700-1                 |            | 1  | 0.39                | 1.7  | 2.6            | 1.7            | 1.50           | 736    |
| 420                 | 700    | 480     | 480     | 6                  | 5       | 9550    | 11900 | 381184                      |            | 1  |                     |      |                |                |                |        |
|                     | 760    | 500     | 500     | 3                  | 6       | 10300   | 20400 | 420TQO760-1                 |            | 1  | 0.33                | 2.03 | 3.02           | 1.98           | 1.77           | 1050   |
| 430                 | 570    | 336     | 336     | 2                  | 6       | 4600    | 11900 | 430TQO570-1                 |            | 1  | 0.35                | 1.9  | 2.9            | 1.9            | 1.67           | 233    |
|                     | 570    | 336.55  | 336.55  | 1.5                | 3.3     | 4950    | 14000 | 430TQO570-2                 |            | 1  | 0.44                | 1.5  | 2.3            | 1.4            | 1.33           | 240    |
| 431.8               | 571.5  | 279.4   | 276.225 | 1.6                | 3.2     | 3360    | 8600  | EE239171D/239225/239226XD   |            | 1  | 0.39                | 1.75 | 2.61           | 1.71           | 1.50           | 187    |
|                     | 571.5  | 279.4   | 279.4   | 1.6                | 3.2     | 3360    | 8550  | LM869449/LM869410/LM869410D |            | 1  | 0.55                | 1.24 | 1.84           | 1.21           | 1.06           | 194    |
|                     | 571.5  | 320.675 | 366.713 | 6.4                | 1.5     | 4950    | 14000 | 431TQI571A-1                |            | 2  | 0.44                | 1.5  | 2.3            | 1.4            | 1.33           | 250    |
|                     | 571.5  | 336.55  | 336.55  | 1.6                | 6.4     | 4290    | 11300 | LM769349/LM769310/LM769310D |            | 1  | 0.48                | 1.41 | 2.1            | 1.38           | 1.22           | 232    |
|                     | 635    | 355.6   | 355.6   | 6.4                | 6.4     | 6600    | 15000 | EE931070DGW/931250/931251XD |            | 1  | 0.33                | 2    | 3              | 2              | 1.82           | 385    |
|                     | 635    | 355.6   | 440     | 6.4                | 6.4     | 6600    | 15000 | 431TQO635A-1                |            | 1  | 0.33                | 2    | 3              | 2              | 1.82           | 405    |

Four-row Taper Roller Bearing

WSW

| 1型 (TQO) |         |            |         |         |         | 2型(TQI)            |       |                            |            | 结构 | 计算系数                |      |                |                |                | 质量(kg) |
|----------|---------|------------|---------|---------|---------|--------------------|-------|----------------------------|------------|----|---------------------|------|----------------|----------------|----------------|--------|
| 基本尺寸(mm) |         |            |         |         |         | 基本额定载荷(kN)         |       | 轴承代号                       |            |    | Calculation Factors |      |                |                |                | Mass   |
| Boundary |         | Dimensions |         |         |         | Basic Load Ratings |       | Bearing Numbers            |            |    |                     |      |                |                |                | Refer. |
| d        | D       | T          | B       | r1.2min | r3.4min | Cr                 | Cor   | 新代号<br>New                 | 旧代号<br>Old |    | Design              | e    | Y <sub>1</sub> | Y <sub>2</sub> | Y <sub>0</sub> | K      |
| 431.8    | 635     | 355.6      | 355.6   | 6.4     | 6.4     | 6310               | 13700 | EE931170D/931250/931251XD  |            | 1  | 0.32                | 2.1  | 3.13           | 2.06           | 1.82           | 385    |
|          | 647.7   | 338.138    | 387.35  | 6.4     | 1.5     | 6600               | 15000 | 431TQO647A-1               |            | 2  | 0.33                | 2    | 3              | 2              | 1.82           | 420    |
| 431.902  | 685.698 | 533.273    | 533.273 | 6.4     | 6.4     | 10400              | 22800 | EE328172D/328269/328268D   |            | 1  | 0.4                 | 1.7  | 2.5            | 1.7            | 1.46           | 761    |
| 432.003  | 609.524 | 317.5      | 317.5   | 3.6     | 6.4     | 5210               | 12100 | EE736173D/736238/736239D   |            | 1  | 0.35                | 1.94 | 2.89           | 1.9            | 1.67           | 293    |
| 438      | 580     | 460        | 460     | 1.5     | 4       | 6330               | 16900 | 438TQO580-1                |            | 1  | 0.26                | 2.55 | 3.8            | 2.5            | 2.24           | 323    |
| 440      | 580     | 420        | 420     | 4.5     | 6.7     | 6050               | 17600 | 440TQO580-1                | 77888      | 1  | 0.26                | 2.6  | 3.9            | 2.5            | 2.27           | 300    |
|          | 620     | 454        | 454     | 6       | 6       | 7600               | 20200 |                            |            | 1  | 0.4                 | 1.7  | 2.5            | 1.7            | 1.46           | 442    |
|          | 635     | 430        | 430     | 6       | 5       | 7560               | 18000 | 440TQO635-1                |            | 1  | 0.33                | 2.03 | 3.02           | 1.98           | 1.77           | 453    |
|          |         |            |         |         |         |                    |       |                            |            |    |                     |      |                |                |                |        |
|          | 635     | 470        | 470     | 2.5     | 5       | 8650               | 21800 | 440TQO635-2                |            | 1  | 0.33                | 2    | 3              | 2.0            | 1.77           | 509    |
|          | 650     | 326        | 326     | 6       | 6       | 5600               | 12400 | 440TQO650-1                |            | 1  | 0.39                | 1.7  | 2.6            | 1.7            | 1.50           | 381    |
|          | 650     | 334        | 334     | 6       | 6       | 5490               | 12200 | 440TQO650-2                |            | 1  | 0.28                | 2.43 | 3.61           | 2.37           | 2.08           | 371    |
|          | 650     | 353.5      | 353.5   | 6.4     | 6.4     | 6600               | 15000 | 440TQO650-3                | 77788      | 1  | 0.33                | 2    | 3              | 2              | 1.82           | 410    |
|          | 650     | 355        | 355     | 6       | 5       | 6170               | 13500 |                            |            | 1  | 0.46                | 1.47 | 2.19           | 1.44           | 1.27           | 409    |
|          | 720     | 465        | 465     | 6       | 6       | 9550               | 19800 | 440TQO720-1                |            | 1  | 0.39                | 1.7  | 2.6            | 1.7            | 1.50           | 771    |
| 444.5    | 571.5   | 336.55     | 336.55  | 1.5     | 3.3     | 4950               | 14300 | 444TQO571-1                |            | 1  | 0.31                | 2.2  | 3.3            | 2.2            | 1.9            | 215    |
| 447.675  | 635     | 446.088    | 496.888 | 6.4     | 1.5     | 8250               | 22000 | 447TQI635-1                |            | 2  | 0.33                | 2    | 3              | 2              | 1.76           | 475    |
|          | 635     | 463.55     | 463.55  | 3.2     | 6.4     | 7860               | 21000 | M270749D/M270710/M270710D  |            | 1  | 0.33                | 2.03 | 3.02           | 1.98           | 1.77           | 464    |
| 448      | 635     | 464        | 464     | 2.5     | 5       | 8350               | 21600 | 448TQO635-1                |            | 1  | 0.33                | 2    | 3              | 2.0            | 1.77           | 485    |
| 450      | 580     | 450        | 450     | 1.5     | 6       | 5000               | 14300 | 450TQO580-1                |            | 1  | 0.31                | 2.2  | 3.2            | 2.1            | 1.88           | 282    |
|          | 595     | 352        | 390     | 6       | 1.5     | 5500               | 16300 | 450TQI595-1                |            | 2  | 0.33                | 2    | 3              | 2              | 1.76           | 295    |
|          | 595     | 368        | 368     | 3       | 6       | 5500               | 16300 | M270749DA/M270410/M270410D |            | 1  | 0.33                | 2    | 3              | 2              | 1.76           | 285    |
|          | 595     | 404        | 404     | 3       | 6       | 5500               | 16300 | M270449DA/M270410/M270410D |            | 1  | 0.33                | 2    | 3              | 2              | 1.76           | 305    |
|          |         |            |         |         |         |                    |       |                            |            |    |                     |      |                |                |                |        |
| 456.794  | 761.873 | 527.05     | 527.05  | 3.2     | 6.4     | 11100              | 22500 | EE425176D/425299/425299D   |            | 1  | 0.44                | 1.52 | 2.26           | 1.49           | 1.33           | 980    |
| 457.073  | 730.148 | 419.1      | 412.75  | 1.5     | 6.4     | 8970               | 19600 | EE671798DGW/672873/672875D |            | 1  | 0.4                 | 1.7  | 2.5            | 1.6            | 1.49           | 630    |
| 457.2    | 596.9   | 279.4      | 276.225 | 1.6     | 3.2     | 3850               | 10500 | EE244181D/244235/244236D   |            | 1  | 0.4                 | 1.67 | 2.48           | 1.63           | 1.46           | 204    |
|          | 596.9   | 320        | 320     | 3.3     | 3.3     | 4840               | 13700 | 457TQO596A-1               |            | 1  | 0.44                | 1.5  | 2.3            | 1.4            | 1.32           | 235    |

Four-row Taper Roller Bearing

WSW

| 1型 (TQO)            |         |         |        |         |         | 2型(TQI)            |       |                              |            | 结构     | 计算系数                |                |                |                |      | 质量(kg) |
|---------------------|---------|---------|--------|---------|---------|--------------------|-------|------------------------------|------------|--------|---------------------|----------------|----------------|----------------|------|--------|
| 基本尺寸(mm)            |         |         |        |         |         | 基本额定载荷(kN)         |       | 轴承代号                         |            |        | Calculation Factors |                |                |                |      | Mass   |
| Boundary Dimensions |         |         |        |         |         | Basic Load Ratings |       | Bearing Numbers              |            |        |                     |                |                |                |      | Refer. |
| d                   | D       | T       | B      | r1.2min | r3.4min | Cr                 | Cor   | 新代号<br>New                   | 旧代号<br>Old | Design | e                   | Y <sub>1</sub> | Y <sub>2</sub> | Y <sub>0</sub> | K    | Refer. |
| 457.2               | 660.4   | 323.847 | 323.85 | 3.2     | 6.4     | 5700               | 12700 | EE737179D/737260/737261D     |            | 1      | 0.37                | 1.8            | 2.69           | 1.76           | 1.58 | 354    |
|                     | 660.4   | 495.3   | 495.3  | 3.2     | 6.4     | 8350               | 22000 | 457TQO660A-1                 |            | 1      | 0.33                | 2.03           | 3.02           | 1.98           | 1.77 | 571    |
| 457.403             | 730.148 | 419.1   | 412.75 | 1.6     | 6.4     | 8290               | 16500 | EE671802D/672873/672875D     |            | 1      | 0.39                | 1.72           | 2.57           | 1.69           | 1.50 | 646    |
| 460                 | 586     | 266     | 266    | 3       | 3       | 3550               | 9300  | 460TQO586-1                  |            | 1      | 0.46                | 1.5            | 2.2            | 1.4            | 1.27 | 168    |
|                     | 586     | 280     | 280    | 1       | 3       | 3710               | 9810  | 460TQO586-2                  |            | 1      | 0.44                | 1.52           | 2.26           | 1.49           | 1.33 | 166    |
|                     | 590     | 360     | 360    | 3       | 3       | 4900               | 14100 | 460TQO590-1                  |            | 1      | 0.28                | 2.4            | 3.6            | 2.4            | 2.08 | 242    |
|                     | 610     | 360     | 360    | 3       | 6       | 6050               | 16300 | 460TQO610-1                  |            | 1      | 0.33                | 2              | 3              | 2              | 1.76 | 295    |
|                     | 610     | 400     | 400    | 2.5     | 4       | 6270               | 17300 | 460TQO610-2                  |            | 1      | 0.28                | 2.4            | 3.6            | 2.5            | 2.08 | 315    |
|                     | 615     | 360     | 360    | 3       | 5       | 4800               | 12800 | 460TQO610-1                  |            | 1      | 0.45                | 1.5            | 2.2            | 1.5            | 1.30 | 289    |
|                     | 620     | 310     | 310    | 5       | 4       | 5600               | 12700 | M271149D/M271110/271110D     | 1077992    | 1      |                     |                |                |                |      | 260    |
|                     | 625     | 421     | 421    | 3       | 9       | 6550               | 17600 |                              |            | 1      | 0.33                | 2              | 3              | 2.0            | 1.77 | 381    |
|                     | 650     | 474     | 474    | 6       | 6       | 7200               | 18500 |                              | 77892      | 1      | 0.4                 | 1.7            | 2.5            | 1.7            | 1.46 | 477    |
|                     | 680     | 338     | 338    | 6       | 6       | 6500               | 15100 | 460TQO680-1                  |            | 1      | 0.4                 | 1.7            | 2.5            | 1.7            | 1.46 | 433    |
|                     | 680     | 375     | 375    | 2       | 5       | 6500               | 15200 | 460TQO680-2                  |            | 1      | 0.36                | 1.87           | 2.79           | 1.83           | 1.62 | 476    |
|                     | 730     | 440     | 440    | 4       | 7.5     | 5600               | 12700 | 381192X3/HC                  |            | 1      |                     |                |                |                |      | 663    |
|                     | 760     | 494     | 494    | 7.5     | 7.5     | 10700              | 23300 | 460TQO760-1                  |            | 1      | 0.39                | 1.7            | 2.6            | 1.7            | 1.50 | 923    |
| 462                 | 615.95  | 330.2   | 330.2  | 3.3     | 6.4     | 5500               | 15000 | 462TQO615A-1                 |            | 1      | 0.4                 | 1.7            | 2.5            | 1.6            | 1.45 | 275    |
| 475                 | 600     | 368     | 368    | 2       | 6       | 5280               | 16600 | 475TQO600-1                  |            | 1      | 0.3                 | 2.3            | 3.4            | 2.2            | 2.03 | 250    |
|                     | 660     | 450     | 450    | 3       | 5       | 6650               | 17900 | 475TQO660-1                  |            | 1      | 0.37                | 1.8            | 2.7            | 1.8            | 1.58 | 463    |
| 479.425             | 679.45  | 495.3   | 495.3  | 3.2     | 6.4     | 8480               | 22200 | M272749D/M272710/M272710D    |            | 1      | 0.33                | 2.03           | 3.02           | 1.98           | 1.77 | 566    |
| 480                 | 678     | 494     | 494    | 6       | 6       | 9600               | 25500 | 480TQO678-1                  |            | 1      | 0.34                | 2              | 3              | 1.9            | 1.72 | 586    |
|                     | 700     | 342     | 342    | 6       | 6       | 6400               | 14300 | 480TQO700-1                  |            | 1      | 0.39                | 1.7            | 2.6            | 1.7            | 1.50 | 453    |
|                     | 700     | 420     | 420    | 5       | 5       | 5350               | 15500 | 381096                       |            | 1      |                     |                |                |                |      | 582    |
|                     | 790     | 510     | 510    | 7.5     | 7.5     | 10500              | 21500 | 480TQO790-1                  |            | 1      | 0.39                | 1.7            | 2.6            | 1.7            | 1.50 | 1030   |
| 482.6               | 615.95  | 317.5   | 355.6  | 6.4     | 1.5     | 5120               | 15300 | M272249DW/M272249W/M272210D  |            | 2      | 0.33                | 2              | 3              | 2              | 1.76 | 245    |
|                     | 615.95  | 330.2   | 330.2  | 3.2     | 6.4     | 4850               | 14200 | LM272249D/LM272210/LM272210D |            | 1      | 0.33                | 2.03           | 3.02           | 1.98           | 1.77 | 229    |
|                     | 615.95  | 420     | 420    | 2.5     | 4       | 5810               | 16700 | 482TQO615A-1                 |            | 1      | 0.26                | 2.55           | 3.8            | 2.5            | 2.24 | 296    |
|                     | 630     | 420     | 420    | 3.3     | 6.4     | 6600               | 19300 | 482TQO630A-1                 |            | 1      | 0.33                | 2              | 3              | 2              | 1.76 | 345    |

Four-row Taper Roller Bearing

WSW

| 1型 (TQO) |         |            |         |         |         | 2型(TQI)            |       |                              | 结构 | 计算系数                |        |      |                |                | 质量(kg)         |      |
|----------|---------|------------|---------|---------|---------|--------------------|-------|------------------------------|----|---------------------|--------|------|----------------|----------------|----------------|------|
| 基本尺寸(mm) |         |            |         |         |         | 基本额定载荷(kN)         |       | 轴承代号                         |    |                     |        |      |                |                | Mass           |      |
| Boundary |         | Dimensions |         |         |         | Basie Load Ratings |       | Bearing Numbers              |    | Calculation Factors |        |      |                |                | Refer.         |      |
| d        | D       | T          | B       | r1.2min | r3.4min | Cr                 | Cor   | 新代号<br>New                   |    | 旧代号<br>Old          | Design | e    | Y <sub>1</sub> | Y <sub>2</sub> | Y <sub>0</sub> | K    |
| 482.6    | 635     | 421        | 421     | 3       | 6.4     | 7090               | 20300 | M272449D/M272410/M272410D    |    | 1                   | 0.33   | 2.03 | 3.02           | 1.98           | 1.77           | 366  |
|          | 647.7   | 417.512    | 417.512 | 3.2     | 6.4     | 7390               | 20300 | M272647D/M272610/M272610D    |    | 1                   | 0.33   | 2.03 | 3.02           | 1.98           | 1.77           | 396  |
| 488.95   | 622.3   | 365.125    | 365.125 | 3.8     | 6.4     | 4900               | 14400 | 488TQO622A-1                 |    | 1                   | 0.29   | 2.3  | 3.4            | 2.3            | 2.01           | 265  |
|          | 660.4   | 361.95     | 365.125 | 7.9     | 6.4     | 6200               | 15800 | EE640193D/640260/640261D     |    | 1                   | 0.31   | 2.2  | 3.27           | 2.15           | 1.88           | 339  |
| 489.026  | 634.873 | 320.675    | 320.675 | 3.2     | 3.2     | 4930               | 13700 | LM772749D/LM772710/LM772710D |    | 1                   | 0.47   | 1.43 | 2.12           | 1.4            | 1.24           | 258  |
| 490      | 625     | 385        | 385     | 3       | 4       | 5550               | 16200 | 380698/HC                    |    | 1                   | 0.32   | 2.1  | 3.2            | 2.1            | 1.82           | 284  |
| 500      | 670     | 515        | 515     | 5       | 5       | 8400               | 24600 | 500TQO670-1                  |    | 1                   | 0.33   | 2    | 3              | 2.0            | 1.77           | 518  |
|          | 705     | 515        | 515     | 6       | 6       | 9700               | 26600 | 500TQO705-1                  |    | 1                   | 0.37   | 1.8  | 2.7            | 1.8            | 1.58           | 654  |
|          | 710     | 430        | 425     | 5       | 5       | 8050               | 19500 | 500TQO710-1                  |    | 1                   | 0.37   | 1.8  | 2.7            | 1.8            | 1.58           | 530  |
|          | 720     | 348        | 348     | 6       | 6       | 6500               | 14800 | 500TQO720-1                  |    | 1                   | 0.4    | 1.7  | 2.5            | 1.7            | 1.46           | 476  |
|          | 720     | 400        | 400     | 5       | 5       | 7950               | 18700 | 500TQO720-2                  |    | 1                   | 0.33   | 2    | 3              | 2.0            | 1.77           | 548  |
|          | 729.805 | 440        | 440     | 6       | 6       | 9300               | 22200 | 500TQO729A-1                 |    | 1                   | 0.33   | 2    | 3              | 2.0            | 1.77           | 639  |
|          | 830     | 540        | 540     | 7.5     | 7.5     | 12500              | 26400 | 500TQO640A-1                 |    | 1                   | 0.39   | 1.7  | 2.6            | 1.7            | 1.50           | 1210 |
|          |         |            |         |         |         |                    |       |                              |    |                     |        |      |                |                |                |      |
|          |         |            |         |         |         |                    |       |                              |    |                     |        |      |                |                |                |      |
|          |         |            |         |         |         |                    |       |                              |    |                     |        |      |                |                |                |      |
| 500.25   | 640     | 450        | 450     | 4       | 4       | 6750               | 19900 | 500TQO640A-1                 |    | 1                   | 0.28   | 2.4  | 3.6            | 2.4            | 2.08           | 366  |
| 501.65   | 673.1   | 387.35     | 400.05  | 3.2     | 6.4     | 6670               | 17300 | EE641198D/641265/641266D     |    | 1                   | 0.31   | 2.15 | 3.2            | 2.1            | 1.88           | 372  |
|          | 711.2   | 520.7      | 520.7   | 3.2     | 6.4     | 9610               | 25600 | M274149D/M274110/M274110D    |    | 1                   | 0.33   | 2.03 | 3.02           | 1.98           | 1.77           | 652  |
| 508      | 749.3   | 355.6      | 355.6   | 6       | 6       | 6900               | 15400 | 508TQO749A-1                 |    | 1                   | 0.36   | 1.9  | 2.8            | 1.8            | 1.62           | 548  |
| 508      | 762     | 420        | 420     | 6       | 2       | 8550               | 19100 | 508TQO762-1                  |    | 1                   | 0.36   | 1.9  | 2.8            | 1.8            | 1.62           | 693  |
|          | 762     | 463.55     | 463.55  | 6.4     | 6.4     | 9060               | 19900 | EE531201D/531300/531301XD    |    | 1                   | 0.38   | 1.78 | 2.65           | 1.74           | 1.54           | 741  |
| 509.948  | 654.924 | 379        | 377     | 1.5     | 6.4     | 6100               | 17600 | 509TQO654A-1                 |    | 1                   | 0.41   | 1.6  | 2.4            | 1.6            | 1.42           | 319  |
| 510      | 655     | 362        | 405     | 6.4     | 1.5     | 6270               | 19000 | 510TQI655-1                  |    | 2                   | 0.33   | 2    | 3              | 2              | 1.7            | 330  |
|          | 655     | 379        | 377     | 1.5     | 6.4     | 6270               | 19000 | 510TQO655-1                  |    | 1                   | 0.33   | 2    | 3              | 2              | 1.76           | 330  |
| 514.35   | 673.1   | 422.275    | 422.275 | 3.2     | 6.4     | 7130               | 20300 | LM274449D/LM274410/LM274410D |    | 1                   | 0.33   | 2.03 | 3.02           | 1.98           | 1.77           | 401  |
| 514.35   | 736.6   | 319.505    | 290.104 | 3.3     | 3.3     | 5550               | 13600 | 514TQO736A-1                 |    | 1                   | 0.48   | 1.4  | 2.1            | 1.4            | 1.22           | 431  |
| 519.113  | 736.6   | 536.575    | 536.575 | 3.2     | 6.4     | 10600              | 27200 | M275349D/M275310/M275310D    |    | 1                   | 0.33   | 2.03 | 3.02           | 1.98           | 1.77           | 739  |

Four-row Taper Roller Bearing

WSW

| 1型 (TQO)            |         |         |         |                    |         |       |       |                               |             |        |      |                     |                |                |      | 2型(TQI) |      | 结构 | 计算系数 |  |  |  |  | 质量(kg) |
|---------------------|---------|---------|---------|--------------------|---------|-------|-------|-------------------------------|-------------|--------|------|---------------------|----------------|----------------|------|---------|------|----|------|--|--|--|--|--------|
| 基本尺寸(mm)            |         |         |         | 基本额定载荷(kN)         |         |       |       | 轴承代号                          |             |        |      | Calculation Factors |                |                |      |         | Mass |    |      |  |  |  |  |        |
| Boundary Dimensions |         |         |         | Basic Load Ratings |         |       |       | Bearing Numbers               |             |        |      |                     |                |                |      |         |      |    |      |  |  |  |  |        |
| d                   | D       | T       | B       | r1.2min            | r3.4min | Cr    | Cor   | 新代号<br>New                    | 旧代号<br>Old  | Design | e    | Y <sub>1</sub>      | Y <sub>2</sub> | Y <sub>0</sub> | K    | Refer.  |      |    |      |  |  |  |  |        |
| 520                 | 735     | 535     | 535     | 6                  | 6       | 10000 | 26700 | 520TQO735-1                   |             | 1      | 0.33 | 2                   | 3              | 2.0            | 1.77 | 731     |      |    |      |  |  |  |  |        |
| 520.7               | 711.2   | 400.05  | 400.05  | 3.2                | 6.4     | 7000  | 17500 | LM275349D/LM275310/LM275310D  |             | 1      | 0.33 | 2.03                | 3.02           | 1.98           | 1.77 | 438     |      |    |      |  |  |  |  |        |
| 530                 | 730     | 540     | 535     | 5                  | 5       | 10000 | 26500 | 530TQO730-1                   |             | 1      | 0.33 | 2                   | 3              | 2.0            | 1.77 | 657     |      |    |      |  |  |  |  |        |
|                     | 750     | 480     | 480     | 6                  | 6       | 9550  | 24900 | 530TQO750-1                   |             | 1      | 0.33 | 2                   | 3              | 2.0            | 1.77 | 694     |      |    |      |  |  |  |  |        |
|                     | 750     | 550     | 550     | 6                  | 6       | 10500 | 28000 | 530TQO750-2                   |             | 1      | 0.33 | 2                   | 3              | 2.0            | 1.77 | 788     |      |    |      |  |  |  |  |        |
|                     | 780     | 385     | 385     | 6                  | 6       | 8300  | 18700 | 530TQO780-1                   |             | 1      | 0.37 | 1.8                 | 2.7            | 1.8            | 1.58 | 644     |      |    |      |  |  |  |  |        |
|                     | 780     | 450     | 450     | 6                  | 5       | 6550  | 18200 | 3810/530                      |             | 1      |      |                     |                |                |      | 745     |      |    |      |  |  |  |  |        |
|                     | 780     | 570     | 570     | 6                  | 6       | 12100 | 30000 | 530TQO780-2                   |             | 1      | 0.33 | 2                   | 3              | 2.0            | 1.77 | 956     |      |    |      |  |  |  |  |        |
|                     | 870     | 560     | 560     | 7.5                | 7.5     | 13600 | 28900 | 530TQO870-1                   |             | 1      | 0.39 | 1.7                 | 2.6            | 1.7            | 1.50 | 1360    |      |    |      |  |  |  |  |        |
|                     | 535     | 750     | 560     | 560                | 6       | 5     | 11100 | 29400                         | 535TQO750-1 |        | 1    | 0.33                | 2.02           | 3.01           | 1.98 | 1.77    | 752  |    |      |  |  |  |  |        |
|                     | 760     | 560     | 560     | 6                  | 6       | 11100 | 30000 | 535TQO760-1                   |             | 1      | 0.33 | 2                   | 3              | 2.0            | 1.77 | 833     |      |    |      |  |  |  |  |        |
| 536.575             | 761.873 | 558.8   | 558.8   | 3.2                | 6.4     | 11300 | 28800 | M276449D/M276410/M276410D     |             | 1      | 0.33 | 2.03                | 3.02           | 1.98           | 1.77 | 821     |      |    |      |  |  |  |  |        |
| 540                 | 690     | 400     | 400     | 3                  | 6       | 5720  | 16300 |                               | 779/540     | 1      | 0.33 | 2                   | 3              | 2              | 1.76 | 375     |      |    |      |  |  |  |  |        |
|                     | 760     | 560     | 560     | 6                  | 5       | 11400 | 30600 | 540TQO760-1                   |             | 1      | 0.33 | 2.03                | 3.02           | 1.98           | 1.77 | 809     |      |    |      |  |  |  |  |        |
| 555.625             | 698.5   | 349.25  | 349.25  | 3.3                | 6.4     | 5150  | 16000 | 555TQO698A-1                  |             | 1      | 0.33 | 2                   | 3              | 2.0            | 1.77 | 311     |      |    |      |  |  |  |  |        |
| 558.75              | 965.3   | 495.3   | 495.3   | 7.5                | 7.5     | 12500 | 25700 | 558TQO965A-1                  |             | 1      | 0.33 | 2.03                | 3.02           | 1.98           | 1.77 | 1580    |      |    |      |  |  |  |  |        |
| 558.8               | 736.6   | 322.263 | 322.263 | 3.2                | 6.4     | 5920  | 16100 | EE843221D/843290/843291D      |             | 1      | 0.34 | 1.97                | 2.93           | 1.93           | 1.72 | 376     |      |    |      |  |  |  |  |        |
|                     | 736.6   | 409.575 | 409.575 | 3.2                | 6.4     | 7180  | 19700 | LM377449D/LM377410/LM377410D  |             | 1      | 0.35 | 1.95                | 2.9            | 1.91           | 1.67 | 472     |      |    |      |  |  |  |  |        |
|                     | 736.6   | 430     | 430     | 3.3                | 6.4     | 8450  | 23600 | 558TQO736A-1                  |             | 1      | 0.35 | 1.9                 | 2.9            | 1.9            | 1.67 | 492     |      |    |      |  |  |  |  |        |
|                     | 736.6   | 450     | 450     | 3.3                | 6.4     | 8950  | 25300 | 558TQO736A-2                  |             | 1      | 0.35 | 1.9                 | 2.9            | 1.9            | 1.67 | 531     |      |    |      |  |  |  |  |        |
|                     | 736.6   | 457.2   | 457.2   | 3.2                | 6.4     | 8990  | 25500 | LM277149DA/LM277110/LM277110D |             | 1      | 0.33 | 2.03                | 3.02           | 1.98           | 1.77 | 525     |      |    |      |  |  |  |  |        |
|                     | 750     | 368     | 368     | 5                  | 4       | 7850  | 15800 | 3819/560/HC                   |             | 1      |      |                     |                |                |      | 447     |      |    |      |  |  |  |  |        |
| 560                 | 805     | 590     | 590     | 6                  | 6       | 13700 | 37000 | 560TQO805-1                   |             | 1      | 0.33 | 2                   | 3              | 2.0            | 1.77 | 1030    |      |    |      |  |  |  |  |        |
|                     | 820     | 405     | 405     | 6                  | 6       | 9100  | 20600 | 560TQO820-1                   |             | 1      | 0.37 | 1.8                 | 2.7            | 1.8            | 1.58 | 742     |      |    |      |  |  |  |  |        |
|                     | 920     | 575     | 575     | 7.5                | 7.5     | 14600 | 31000 | 560TQO920-1                   |             | 1      | 0.39 | 1.7                 | 2.6            | 1.7            | 1.50 | 1560    |      |    |      |  |  |  |  |        |

Four-row Taper Roller Bearing

WSW

| 1型 (TQO)            |         |         |         |                    |         | 2型(TQI) |       |                                |            | 结构 | 计算系数                |      |                |                |                | 质量(kg) |
|---------------------|---------|---------|---------|--------------------|---------|---------|-------|--------------------------------|------------|----|---------------------|------|----------------|----------------|----------------|--------|
| 基本尺寸(mm)            |         |         |         | 基本额定载荷(kN)         |         |         |       | 轴承代号                           |            |    | 计算系数                |      |                |                |                | Mass   |
| Boundary Dimensions |         |         |         | Basic Load Ratings |         |         |       | Bearing Numbers                |            |    | Calculation Factors |      |                |                |                | Refer. |
| d                   | D       | T       | B       | r1.2min            | r3.4min | Cr      | Cor   | 新代号<br>New                     | 旧代号<br>Old |    | Design              | e    | Y <sub>1</sub> | Y <sub>2</sub> | Y <sub>0</sub> | K      |
| 560                 | 920     | 618     | 618     | 7.5                | 7.5     | 16000   | 34000 | 560TQO920-2                    |            | 1  | 0.4                 | 1.7  | 2.5            | 1.7            | 1.46           | 1670   |
|                     | 920     | 620     | 620     | 7.5                | 7.5     | 15200   | 32800 | 3811/560                       |            | 1  | 0.4                 | 1.68 | 2.5            | 1.64           | 1.46           | 1690   |
| 570                 | 780     | 515     | 515     | 6                  | 6       | 10600   | 29700 | 570TQO780-1                    |            | 1  | 0.36                | 1.9  | 2.8            | 1.8            | 1.62           | 752    |
|                     | 810     | 590     | 590     | 6                  | 6       | 12700   | 35000 | 570TQO810-1                    |            | 1  | 0.33                | 2    | 3              | 2.0            | 1.77           | 998    |
| 571.5               | 812.8   | 593.725 | 593.725 | 3.2                | 6.4     | 13000   | 35000 | M278749D/M278710/M278710D      |            | 1  | 0.33                | 2.03 | 3.02           | 1.98           | 1.77           | 1030   |
| 584.2               | 730.25  | 349.25  | 342.9   | 1.5                | 3.3     | 5500    | 17000 | 584TQO730A-1                   |            | 1  | 0.43                | 1.6  | 2.3            | 1.6            | 1.36           | 330    |
|                     | 762     | 401.638 | 396.875 | 3.2                | 6.4     | 7330    | 20800 | LM778549D/LM778510/LM778510D   |            | 1  | 0.37                | 1.43 | 2.12           | 1.4            | 1.58           | 479    |
|                     | 901.573 | 539.75  | 523.08  | 3.3                | 9.7     | 13100   | 29100 | EE665231D/665355/665356D       |            | 1  | 0.33                | 2    | 3              | 2.0            | 1.77           | 1280   |
|                     | 901.7   | 539.747 | 484.98  | 3.2                | 9.5     | 13400   | 29400 | EE662300D/663550/663551D       |            | 1  | 0.33                | 2.04 | 3.03           | 1.99           | 1.77           | 1260   |
|                     | 901.7   | 539.75  | 523.083 | 3.2                | 9.5     | 12600   | 28400 | EE665231D/665355/665356D       |            | 1  | 0.33                | 2.03 | 3.02           | 1.98           | 1.77           | 1270   |
| 585.788             | 771.525 | 479.425 | 479.425 | 3.2                | 6.4     | 9140    | 25600 | LM278849D/LM278810/LM278810D   |            | 1  | 0.33                | 2.03 | 3.02           | 1.98           | 1.77           | 587    |
| 595                 | 845     | 615     | 615     | 6                  | 6       | 13700   | 38000 | 595TQO845-1                    |            | 1  | 0.33                | 2    | 3              | 2.0            | 1.77           | 1140   |
| 595.312             | 844.55  | 615.95  | 615.95  | 3.2                | 6.4     | 13600   | 36900 | M280049D/M280010/M280010D      |            | 1  | 0.33                | 2.03 | 3.02           | 1.98           | 1.77           | 1130   |
| 596.9               | 980     | 609.6   | 604.838 | 6.4                | 12.7    | 16800   | 36500 | 596TQO980A-1                   |            | 1  | 0.4                 | 1.7  | 2.5            | 1.6            | 1.45           | 1920   |
| 600                 | 800     | 365     | 365     | 5                  | 5       | 7480    | 21600 |                                | 771/600    | 1  |                     |      |                |                |                | 489    |
|                     | 800     | 380     | 380     | 5                  | 4       | 9140    | 25600 |                                | 10779/600  | 1  | 0.41                | 1.64 | 2.45           | 1.61           | 1.42           | 992    |
|                     | 855     | 620     | 620     | 6                  | 6       | 13900   | 38500 | 600TQO855-1                    |            | 1  | 0.33                | 2    | 3              | 2.0            | 1.77           | 1170   |
| 600                 | 870     | 415     | 415     | 6                  | 6       | 9250    | 21700 | 600TQO870-1                    |            | 1  | 0.37                | 1.8  | 2.7            | 1.8            | 1.58           | 842    |
|                     | 870     | 488     | 488     | 3                  | 6       | 12500   | 29000 | 600TQO870-2                    |            | 1  | 0.33                | 2    | 3              | 2              | 1.8            | 940    |
|                     | 980     | 615     | 615     | 7.5                | 7.5     | 16600   | 36500 | 600TQO980-1                    |            | 1  | 0.39                | 1.7  | 2.6            | 1.7            | 1.50           | 1890   |
|                     | 980     | 650     | 650     | 7.5                | 7.5     | 16600   | 36500 |                                | 10777/600  | 1  | 0.32                | 2.1  | 3.1            | 2.1            | 1.82           | 1970   |
| 603.25              | 857.25  | 622.3   | 622.3   | 3.2                | 6.4     | 14500   | 38500 | M280249D/M280210/M280210XD     |            | 1  | 0.33                | 2.03 | 3.02           | 1.98           | 1.77           | 1170   |
| 609.6               | 787.4   | 361.95  | 361.95  | 6.4                | 6.4     | 6790    | 19900 | EE649242DW/649310/649311D      |            | 1  | 0.37                | 1.82 | 2.7            | 1.78           | 1.58           | 462    |
|                     | 813.562 | 479.425 | 479.425 | 3.3                | 6.4     | 10600   | 30500 | LM280249DGW/LM280210/LM280210D |            | 1  | 0.33                | 2    | 3              | 2              | 1.76           | 715    |
|                     | 817.4   | 361.95  | 361.95  | 3.2                | 6.4     | 7310    | 18200 | 609TQO817A-1                   |            | 1  | 0.33                | 2.03 | 3.02           | 1.98           | 1.77           | 496    |
|                     | 863.6   | 660.4   | 660.4   | 3.3                | 6.4     | 14700   | 41000 | M280349D/M280310/M280310D      |            | 1  | 0.33                | 2    | 3              | 2.0            | 1.77           | 1260   |

Four-row Taper Roller Bearing

WSW

| 1型 (TQO) |            |                    |         |                 |         | 2型(TQI) |        |                               | 结构       | 计算系数                |                |                |                |      | 质量(kg)         |                |
|----------|------------|--------------------|---------|-----------------|---------|---------|--------|-------------------------------|----------|---------------------|----------------|----------------|----------------|------|----------------|----------------|
| 基本尺寸(mm) |            | 基本额定载荷(kN)         |         |                 |         | 轴承代号    |        | Design                        |          | Calculation Factors |                |                |                | Mass |                |                |
| Boundary | Dimensions | Basic Load Ratings |         | Bearing Numbers |         | New     | Old    |                               |          | e                   | Y <sub>1</sub> | Y <sub>2</sub> | Y <sub>0</sub> | K    | Refer.         |                |
| d        | D          | T                  | B       | r1.2min         | r3.4min |         |        | Cr                            | Cor      |                     |                |                |                |      | Y <sub>1</sub> | Y <sub>2</sub> |
| 611.5    | 832.8      | 593.72             | 593.72  | 3.3             | 6.4     | 13300   | 38000  | 611TQO832A-1                  | 1        | 0.33                | 2              | 3              | 2.0            | 1.77 | 981            |                |
| 620      | 800        | 363.5              | 363.5   | 3               | 6       | 7480    | 21600  | 620TQO820-1                   | 1        | 0.37                | 1.8            | 2.7            | 1.8            | 1.54 | 465            |                |
|          | 800        | 365                | 365     | 2.5             | 5       | 7590    | 21000  | 620TQO820-2                   | 1        | 0.32                | 2.12           | 3.15           | 2.07           | 1.82 | 474            |                |
| 630      | 850        | 418                | 418     | 6               | 6       | 9650    | 21000  | 3819/630/HC                   | 1        |                     |                |                |                |      | 682            |                |
|          | 890        | 650                | 650     | 7.5             | 7.5     | 15400   | 43000  | 630TQO890-1                   | 1        | 0.33                | 2              | 3              | 2.0            | 1.77 | 1310           |                |
|          | 920        | 440                | 440     | 7.5             | 7.5     | 10600   | 25500  | 630TQO920-1                   | 1        | 0.37                | 1.8            | 2.7            | 1.8            | 1.58 | 1010           |                |
|          | 920        | 457.15             | 457.15  | 3               | 6       | 11500   | 26200  | 630TQO920-2                   | 1        | 0.33                | 2.03           | 3.02           | 1.98           | 1.77 | 1050           |                |
|          | 920        | 457.2              | 457.2   | 4               | 3       | 10600   | 25400  | 630TQO920-3                   | 1        | 0.37                | 1.8            | 2.7            | 1.8            | 1.58 | 1060           |                |
|          | 920        | 515                | 515     | 7.5             | 7.5     | 6550    | 27500  |                               | 771/630  | 1                   | 0.43           | 1.56           | 2.33           | 1.53 | 1.36           | 1190           |
|          | 920        | 600                | 600     | 7.5             | 7.5     | 15000   | 38500  | 630TQO920-4                   | 1        | 0.36                | 1.9            | 2.8            | 1.8            | 1.62 | 1360           |                |
|          | 1030       | 645                | 645     | 7.5             | 7.5     | 18400   | 42500  | 630TQO1030-1                  | 1        | 0.37                | 1.8            | 2.7            | 1.8            | 1.58 | 2190           |                |
|          | 1030       | 670                | 670     | 7.5             | 6       | 18400   | 42500  | 3811/630/HC                   | 1        |                     |                |                |                |      | 2200           |                |
|          | 900        | 655                | 655     | 7.5             | 7.5     | 15800   | 44500  | 635TQO900-1                   | 1        | 0.33                | 2              | 3              | 2.0            | 1.77 | 1360           |                |
| 635      | 900        | 660                | 660     | 5               | 6       | 15500   | 43500  | 635TQO900-2                   | 1        | 0.33                | 2              | 3              | 2.0            | 1.77 | 1380           |                |
|          | 901.7      | 654.05             | 654.05  | 3.2             | 6.4     | 15000   | 39700  | M281049D/M281010/M281010XD    | 1        | 0.33                | 2.03           | 3.02           | 1.98           | 1.77 | 1360           |                |
| 640      | 1030       | 560                | 560     | 7.5             | 12      | 16000   | 393000 |                               | 777/640L | 1                   |                |                |                |      | 1770           |                |
| 646.112  | 857.25     | 542.925            | 542.925 | 3.3             | 6.4     | 11500   | 34500  | LM281049DW/LM281010/LM281010D | 1        | 0.33                | 2              | 3              | 2.0            | 1.77 | 880            |                |
| 647.7    | 1028.7     | 565.15             | 558.8   | 11.2            | 6.4     | 18300   | 33500  | EE424257DW/424405/424407D     | 1        | 0.31                | 2.2            | 3.2            | 2.1            | 1.87 | 1860           |                |
| 649.924  | 914.898    | 674                | 672     | 3.6             | 6       | 15900   | 43800  | M281349D/M281310/M281310D     | 1        | 0.33                | 2.03           | 3.02           | 1.98           | 1.77 | 1390           |                |
| 650      | 915        | 674                | 674     | 3.3             | 6.4     | 16100   | 45000  | M281349DGW/M281310/M281310D   | 1        | 0.33                | 2              | 3              | 2              | 1.76 | 1430           |                |
|          | 1030       | 558.5              | 58.5    | 7.5             | 12      | 15900   | 36200  | 650TQO1030-1                  | 1        | 0.32                | 2.12           | 3.15           | 2.07           | 1.82 | 1840           |                |
|          | 1030       | 560                | 560     | 7.5             | 7.5     | 15700   | 35500  |                               | 777/650  | 1                   | 0.31           | 2.1            | 3.2            | 2.1  | 1.88           | 1830           |
| 655      | 935        | 675                | 675     | 7.5             | 7.5     | 16600   | 45000  | 655TQO935-1                   | 1        | 0.33                | 2              | 3              | 2.0            | 1.77 | 1530           |                |
| 657.225  | 933.45     | 676.275            | 676.275 | 3.2             | 6.4     | 17300   | 46000  | M281649D/M281610/M281610D     | 1        | 0.33                | 2.03           | 3.02           | 1.98           | 1.77 | 1520           |                |
| 659.924  | 854.924    | 318.48             | 319.192 | 4.8             | 9.5     | 6240    | 16000  | EE749259D/749334/749335D      | 1        | 0.35                | 1.92           | 2.86           | 1.88           | 1.67 | 462            |                |

Four-row Taper Roller Bearing

WSW

| 1型 (TQO)            |         |         |         |                    |         | 2型(TQI) |       |                              |            | 结构 | 计算系数   |                     |                |                |                | 质量(kg) |        |
|---------------------|---------|---------|---------|--------------------|---------|---------|-------|------------------------------|------------|----|--------|---------------------|----------------|----------------|----------------|--------|--------|
| 基本尺寸(mm)            |         |         |         | 基本额定载荷(kN)         |         |         |       | 轴承代号                         |            |    | Design | Calculation Factors |                |                |                |        | Mass   |
| Boundary Dimensions |         |         |         | Basic Load Ratings |         |         |       | Bearing Numbers              |            |    |        |                     |                |                |                |        | Refer. |
| d                   | D       | T       | B       | r1.2min            | r3.4min | Cr      | Cor   | 新代号<br>New                   | 旧代号<br>Old |    |        | e                   | Y <sub>1</sub> | Y <sub>2</sub> | Y <sub>0</sub> | K      |        |
| 660                 | 855     | 318.48  | 319.192 | 4.8                | 9.7     | 6160    | 17000 | EE749259DGW/749334/749335D   |            | 1  | 0.35   | 1.9                 | 2.9            | 1.8            | 1.66           | 490    |        |
|                     | 855     | 320     | 320     | 5                  | 4       | 6320    | 18000 | 660TQO855-1                  |            | 1  | 0.47   | 1.43                | 2.12           | 1.4            | 1.24           | 474    |        |
|                     | 1070    | 642     | 642     | 7.5                | 7.5     | 19000   | 43000 | 660TQO1070-1                 |            | 1  | 0.33   | 2                   | 3              | 2.0            | 1.77           | 2340   |        |
| 660.011             | 855.015 | 319.99  | 319.99  | 5.2                | 5.2     | 6500    | 18000 | 3806/660X4/HC                |            | 1  | 0.52   | 1.3                 | 1.9            | 1.3            | 1.12           | 484    |        |
| 660.4               | 812.8   | 365.125 | 365.125 | 3.2                | 6.4     | 6860    | 21100 | L281149D/L281110/L281110D    |            | 1  | 0.33   | 2.03                | 3.02           | 1.98           | 1.77           | 394    |        |
|                     | 1066.8  | 647.703 | 638.175 | 6.4                | 6.4     | 18400   | 39400 | EE428262D/428420/428421XD    |            | 1  | 0.31   | 2.18                | 3.24           | 2.13           | 1.88           | 2240   |        |
| 670                 | 900     | 412     | 412     | 6                  | 6       | 6550    | 27500 | 10779/670                    |            | 1  |        |                     |                |                |                | 773    |        |
|                     | 950     | 700     | 700     | 7.5                | 7.5     | 18000   | 49500 |                              |            | 1  | 0.33   | 2                   | 3              | 2.0            | 1.77           | 1620   |        |
|                     | 960     | 700     | 700     | 7.5                | 7.5     | 18600   | 48500 |                              |            | 1  | 0.33   | 2                   | 3              | 2.0            | 1.77           | 1690   |        |
|                     | 980     | 475     | 475     | 7.5                | 7.5     | 12600   | 29200 | 670TQO980-1                  |            | 1  | 0.37   | 1.8                 | 2.7            | 1.8            | 1.58           | 1240   |        |
|                     | 1090    | 690     | 690     | 7.5                | 7.5     | 20600   | 47000 | 670TQO1070-1                 |            | 1  | 0.37   | 1.8                 | 2.7            | 1.8            | 1.58           | 2600   |        |
| 676                 | 910     | 620     | 620     | 4                  | 8       | 14200   | 41500 | 676TQO910-1                  |            | 1  | 0.33   | 2                   | 3              | 2              | 1.76           | 1150   |        |
| 679.45              | 901.7   | 552.45  | 552.45  | 3.2                | 6.4     | 12800   | 36100 | LM281849D/LM281810/LM281810D |            | 1  | 0.33   | 2.03                | 3.02           | 1.98           | 1.77           | 975    |        |
| 680                 | 870     | 460     | 460     | 5                  | 5       | 9700    | 30000 | 680TQO870-1                  |            | 1  | 0.42   | 1.6                 | 2.4            | 1.6            | 1.39           | 695    |        |
|                     | 970     | 740     | 740     | 3.2                | 6.4     | 18800   | 52800 | 680TQO970-1                  |            | 1  | 0.33   | 2.03                | 3.02           | 1.98           | 1.77           | 1770   |        |
|                     | 1000    | 505     | 505     | 10                 | 10      | 13000   | 31500 | 680TQO1000-1                 |            | 1  | 0.33   | 2                   | 3              | 2.0            | 1.77           | 1380   |        |
| 682.625             | 965.2   | 701.675 | 701.675 | 3.3                | 6.4     | 17700   | 50000 | M282249D/M282210/M282210D    |            | 1  | 0.33   | 2                   | 3              | 2.0            | 1.77           | 1670   |        |
| 685                 | 965     | 700     | 700     | 7.5                | 7.5     | 17700   | 50000 | 685TQO965-1                  |            | 1  | 0.33   | 2                   | 3              | 2.0            | 1.77           | 1650   |        |
| 685.8               | 876.3   | 355.6   | 352.425 | 3.3                | 6.4     | 7400    | 22200 | EE655271DW/655345/655346D    |            | 1  | 0.42   | 1.6                 | 2.4            | 1.6            | 1.39           | 543    |        |
| 708.025             | 930.275 | 365.15  | 365.15  | 3.3                | 6.4     | 13200   | 40500 | LM282549D/LM282510/LM282510D |            | 1  | 0.33   | 2                   | 3              | 2.0            | 1.77           | 1070   |        |
| 710                 | 900     | 410     | 410     | 3                  | 6       | 8800    | 26500 | L882449DGW/L882410/L882410D  |            | 1  | 0.35   | 1.9                 | 2.9            | 1.8            | 1.66           | 660    |        |
|                     | 1000    | 730     | 730     | 7.5                | 7.5     | 19400   | 55500 | 710TQO900-1                  |            | 1  | 0.33   | 2                   | 3              | 2.0            | 1.77           | 1850   |        |
|                     | 1030    | 490     | 490     | 7.5                | 7.5     | 13200   | 32500 | 710TQO1030-1                 |            | 1  | 0.37   | 1.8                 | 2.7            | 1.8            | 1.58           | 1390   |        |
|                     | 1150    | 710     | 710     | 9.5                | 9.5     | 22200   | 52000 | 710TQO1150-1                 |            | 1  | 0.37   | 1.8                 | 2.7            | 1.8            | 1.58           | 2970   |        |
| 711.2               | 914.4   | 317.5   | 317.5   | 3.2                | 6.4     | 6030    | 17900 | EE755281D/755360/755361D     |            | 1  | 0.38   | 1.78                | 2.65           | 1.74           | 1.54           | 545    |        |
|                     | 914.4   | 355.6   | 355.6   | 3.3                | 6.4     | 7300    | 22200 | 711TQO914A-1                 |            | 1  | 0.44   | 1.5                 | 2.3            | 1.5            | 1.33           | 607    |        |

Four-row Taper Roller Bearing

WSW

| 1型 (TQO)            |         |        |        |         |         | 2型(TQI)            |       |                              |            | 结构 | 计算系数                |      |      |      |      | 质量(kg) |
|---------------------|---------|--------|--------|---------|---------|--------------------|-------|------------------------------|------------|----|---------------------|------|------|------|------|--------|
| 基本尺寸(mm)            |         |        |        |         |         | 基本额定载荷(kN)         |       | 轴承代号                         |            |    | Calculation Factors |      |      |      |      | Mass   |
| Boundary Dimensions |         |        |        |         |         | Basic Load Ratings |       | Bearing Numbers              |            |    |                     |      |      |      |      | Refer. |
| d                   | D       | T      | B      | r1.2min | r3.4min | Cr                 | Cor   | 新代号<br>New                   | 旧代号<br>Old |    | Design              | e    | Y1   | Y2   | Y0   | K      |
| 714.375             | 1016    | 704.85 | 704.85 | 3.2     | 6.4     | 19500              | 52200 | M383240D/M383210/M383210D    |            | 1  | 0.35                | 1.92 | 2.86 | 1.98 | 1.67 | 1850   |
| 717.55              | 946.15  | 565.15 | 565.15 | 3.2     | 6.4     | 13600              | 39500 | LM282847D/LM282810/LM282810D |            | 1  | 0.33                | 2.03 | 3.02 | 1.98 | 1.77 | 1030   |
| 730                 | 940     | 500    | 500    | 3.5     | 8       | 12100              | 36000 | 730TQO940-1                  |            | 1  | 0.35                | 1.9  | 2.9  | 1.8  | 1.69 | 925    |
|                     | 1035    | 755    | 755    | 7.5     | 7.5     | 20400              | 58500 | 730TQO1035-1                 |            | 1  | 0.33                | 2    | 3    | 2.0  | 1.77 | 2070   |
| 730.25              | 1035.05 | 755.65 | 755.65 | 3.2     | 6.4     | 19600              | 54300 | M283449D/M283410/M283410D    |            | 1  | 0.33                | 2.03 | 3.02 | 1.98 | 1.77 | 2010   |
| 749.3               | 990.6   | 605    | 605    | 3.2     | 6.4     | 15700              | 47700 | LM283649D/LM283610/LM283610D |            | 1  | 0.32                | 2.12 | 3.15 | 2.07 | 1.82 | 132    |
|                     | 1066.8  | 736.6  | 723.9  | spec    | 12.7    | 20600              | 58000 | EE325296D/325420/325421XD    |            | 1  | 0.33                | 2.1  | 3.1  | 2.0  | 1.77 | 2190   |
|                     | 1130.3  | 685.8  | 685.8  | 7.5     | 7.5     | 19700              | 46500 | 749TQO1130A-1                |            | 1  | 0.49                | 1.38 | 2.06 | 1.35 | 1.19 | 2330   |
| 750                 | 1090    | 515    | 515    | 7.5     | 7.5     | 14700              | 36500 | 750TQO1090-1                 |            | 1  | 0.37                | 1.8  | 2.7  | 1.8  | 1.58 | 1640   |
|                     | 1130    | 690    | 690    | 4       | 7.5     | 20100              | 46500 | 750TQO1130-1                 |            | 1  | 0.48                | 1.4  | 2.1  | 1.4  | 1.2  | 2430   |
|                     | 1220    | 750    | 750    | 9.5     | 9.5     | 24900              | 59000 | 750TQO1220-1                 |            | 1  | 0.37                | 1.8  | 2.7  | 1.8  | 1.58 | 3550   |
|                     | 1220    | 840    | 840    | 9.5     | 9.5     | 19700              | 54300 | 10777/750                    |            | 1  | 0.32                | 2.1  | 3.1  | 2.1  | 1.82 | 3985   |
| 762                 | 1066.8  | 736.6  | 723.9  | 5       | 12.7    | 21000              | 59500 | M284148DW/M284111/284110D    |            | 1  | 0.33                | 2.1  | 3.1  | 2.0  | 1.77 | 2100   |
|                     | 1079.5  | 787.4  | 787.4  | 4.8     | 12.7    | 22200              | 62700 | M284249D/M284210/M284210XD   |            | 1  | 0.33                | 2.03 | 3.02 | 1.98 | 1.77 | 2270   |
| 780                 | 1220    | 840    | 840    | 6       | 6       | 21100              | 70500 | 3806/780/HCC9                |            | 1  |                     |      |      |      |      | 38100  |
| 785                 | 1030    | 605    | 605    | 6       | 7.5     | 15300              | 47500 | 785TQO1030-1                 |            | 1  | 0.42                | 1.6  | 2.4  | 1.6  | 1.39 | 1390   |
| 785                 | 1040    | 560    | 560    | 4.8     | 9.7     | 14200              | 41500 | 785TQO1040-1                 |            | 1  | 0.42                | 1.6  | 2.4  | 1.6  | 1.39 | 1330   |
|                     | 1120    | 820    | 820    | 7       | 7       | 23800              | 69000 | 800TQO1120-1                 |            | 1  | 0.33                | 2    | 3    | 2.0  | 1.77 | 2600   |
|                     | 1150    | 535    | 535    | 7.5     | 7.5     | 15600              | 37100 | 800TQO1150-1                 |            | 1  | 0.39                | 1.74 | 2.59 | 1.7  | 1.50 | 1850   |
|                     | 1280    | 770    | 770    | 9.5     | 9.5     | 24900              | 54800 | 800TQO1280-1                 |            | 1  | 0.39                | 1.74 | 2.59 | 1.7  | 1.50 | 3890   |
| 812.8               | 1143    | 768.35 | 768.35 | 6.4     | 12.7    | 22000              | 63000 | 812TQO1143A-1                |            | 1  | 0.33                | 2    | 3    | 2    | 1.76 | 2590   |
| 825.5               | 1168.4  | 844.55 | 844.55 | 4.8     | 12.7    | 26000              | 72300 | M285848D/0285810/M285810D    |            | 1  | 0.33                | 2.03 | 3.02 | 1.98 | 1.77 | 2990   |
| 825.5               | 1193.8  | 812.8  | 812.8  | 6.4     | 12.7    | 30000              | 67000 | EE631325DW/631470/631470D    |            | 1  | 0.39                | 1.7  | 2.6  | 1.7  | 1.49 | 3110   |
| 840                 | 1170    | 840    | 840    | 7       | 7       | 25900              | 76000 | 840TQO1170-1                 |            | 1  | 0.33                | 2    | 3    | 2.0  | 1.77 | 2900   |

Four-row Taper Roller Bearing

WSW

| 1型 (TQO)            |          |         |         |         |         | 2型(TQI)            |        |                                | 结构         | 计算系数                |      |                |                |                | 质量(kg) |      |
|---------------------|----------|---------|---------|---------|---------|--------------------|--------|--------------------------------|------------|---------------------|------|----------------|----------------|----------------|--------|------|
| 基本尺寸(mm)            |          |         |         |         |         | 基本额定载荷(kN)         |        | 轴承代号                           |            |                     |      |                |                |                |        |      |
| Boundary Dimensions |          |         |         |         |         | Basic Load Ratings |        | Bearing Numbers                |            | Calculation Factors |      |                |                |                | Mass   |      |
|                     |          |         |         |         |         |                    |        |                                |            |                     |      |                |                |                | Refer. |      |
| d                   | D        | T       | B       | r1.2min | r3.4min | Cr                 | Cor    | 新代号<br>New                     | 旧代号<br>Old | Design              | e    | Y <sub>1</sub> | Y <sub>2</sub> | Y <sub>0</sub> | K      | 参考   |
| 850                 | 1220     | 565     | 565     | 7.5     | 7.5     | 17000              | 40400  | 850TQO1220-1                   |            | 1                   | 0.39 | 1.74           | 2.59           | 1.7            | 1.50   | 2190 |
|                     | 1360     | 820     | 820     | 12      | 12      | 26800              | 59000  | 850TQO1360-1                   |            | 1                   | 0.39 | 1.74           | 2.59           | 1.7            | 1.50   | 4670 |
|                     | 1360     | 910     | 910     | 6       | 12      | 34700              | 83000  | 850TQO1360-2                   |            | 1                   | 0.35 | 1.9            | 2.9            | 1.8            | 1.62   | 5440 |
| 863.6               | 1130.3   | 669.925 | 669.925 | 4.8     | 12.7    | 19100              | 59600  | LM286249D/LM286210/LM286210D   |            | 1                   | 0.32 | 2.08           | 3.1            | 2.04           | 1.82   | 1780 |
|                     | 1169.987 | 844.55  | 844.55  | 4.8     | 12.7    | 23800              | 76500  | 863TQO1169A-1                  |            | 1                   | 0.33 | 2              | 3              | 2              | 1.76   | 2700 |
|                     | 1181.1   | 666.75  | 666.75  | 4.8     | 12.7    | 20900              | 57000  | LM286449DGW/LM286410/LM286410D |            | 1                   | 0.33 | 2              | 3              | 2              | 1.76   | 2150 |
|                     | 1219.2   | 876.389 | 876.389 | 4.8     | 12.7    | 28300              | 81000  | 863TQO1219A-1                  |            | 1                   | 0.33 | 2              | 3              | 2.0            | 1.77   | 3350 |
|                     | 1219.2   | 889     | 876.3   | 4.8     | 12.7    | 28500              | 84600  | EE547341D/547480/547481D       |            | 1                   | 0.33 | 2.03           | 3.02           | 1.98           | 1.77   | 3330 |
|                     |          |         |         |         |         |                    |        |                                |            |                     |      |                |                |                |        |      |
| 877.888             | 1220     | 844.55  | 844.55  | 4.8     | 12.7    | 26000              | 76500  | LM286749DGW/LM286711/LM286710  |            | 1                   | 0.33 | 2              | 3              | 2              | 1.76   | 3080 |
| 900                 | 1280     | 580     | 580     | 7.5     | 7.5     | 18700              | 45000  | 900TQO1280-1                   |            | 1                   | 0.39 | 1.74           | 2.59           | 1.7            | 1.50   | 2430 |
| 901.7               | 1295.4   | 914.4   | 901.7   | 4.8     | 12.7    | 30500              | 88000  | EE634356D-510-510D             |            | 1                   | 0.33 | 2              | 3              | 2.0            | 1.77   | 4010 |
| 938.213             | 1270     | 825.5   | 825.5   | 4.8     | 12.7    | 26800              | 79800  | LM287649D/LM287610/LM287610D   |            | 1                   | 0.33 | 2.03           | 3.02           | 1.98           | 1.77   | 3150 |
| 939.8               | 1333.5   | 952.5   | 952.5   | 4.8     | 12.7    | 33500              | 95400  | LM287849D/LM287810/LM287810D   |            | 1                   | 0.33 | 2.03           | 3.02           | 1.98           | 1.77   | 4380 |
| 950                 | 1360     | 620     | 620     | 7.5     | 7.5     | 20600              | 49900  | 950TQO1360-1                   |            | 1                   | 0.39 | 1.74           | 2.59           | 1.7            | 1.50   | 2970 |
| 1001                | 1360     | 800     | 800     | 12      | 12.7    | 27500              | 81500  | 1001TQO1360-1                  |            | 1                   | 0.31 | 2.2            | 3.3            | 2.2            | 1.83   | 3390 |
| 1003.3              | 1358.9   | 800.1   | 800.1   | 4.8     | 12.7    | 27500              | 81500  | 1003TQO1358A-1                 |            | 1                   | 0.31 | 2.2            | 3.3            | 2.2            | 1.83   | 3450 |
| 1006.475            | 1295.4   | 764     | 764     | 4.8     | 12.7    | 23100              | 76500  | LM288249D/LM288210/LM288210D   |            | 1                   | 0.33 | 2              | 3              | 2.0            | 1.77   | 2590 |
| 1070                | 1400     | 889.762 | 889.762 | 4       | 12      | 30300              | 100000 | 1070TQO1400-1                  |            | 1                   | 0.33 | 2              | 3              | 2              | 1.76   | 3730 |
| 1080                | 1450     | 950     | 950     | 5       | 12      | 33600              | 108000 | 1080TQO1450-1                  |            | 1                   | 0.33 | 2              | 3              | 2              | 1.76   | 4450 |
| 1200.15             | 1593.85  | 990.6   | 990.6   | 4.8     | 12.7    | 38000              | 125000 | LM288949DGW/LM288910/LM288910D |            | 1                   | 0.33 | 2              | 3              | 2              | 1.76   | 5635 |
| 1250                | 1550     | 890     | 890     | 5       | 12      | 30300              | 114000 | 1250TQO1550-1                  |            | 1                   | 0.33 | 2              | 3              | 2              | 1.77   | 3820 |
| 1260                | 1640     | 1000    | 1000    | 5       | 12      | 39100              | 143000 | 1260TQO1640-1                  |            | 1                   | 0.31 | 2.2            | 3.3            | 2.2            | 1.83   | 5800 |

Four-row Taper Roller Bearing

WSW

| 基本尺寸(mm) |      |            |      | 1型 (TQO) |         | 基本额定载荷(kN)         |        | 2型(TQI)         |            | 结构     | 计算系数                |                |                |                |      | 质量(kg) |
|----------|------|------------|------|----------|---------|--------------------|--------|-----------------|------------|--------|---------------------|----------------|----------------|----------------|------|--------|
| Boundary |      | Dimensions |      |          |         | Basic Load Ratings |        | 轴承代号            |            |        | Calculation Factors |                |                |                |      | Mass   |
|          |      |            |      |          |         |                    |        | Bearing Numbers |            |        |                     |                |                |                |      | Refer. |
| d        | D    | T          | B    | r1.2min  | r3.4min | Cr                 | Cor    | 新代号<br>New      | 旧代号<br>Old | Design | e                   | Y <sub>1</sub> | Y <sub>2</sub> | Y <sub>0</sub> | K    | 参考     |
| 1300     | 1720 | 1040       | 1040 | 5        | 12      | 42900              | 140000 | 1300TQO1720-1   |            | 1      | 0.33                | 2              | 3              | 2              | 1.76 | 7000   |
| 1370     | 1765 | 1050       | 1035 | 5        | 12      | 42900              | 153000 | 1370TQO1765-1   |            | 1      | 0.33                | 2              | 3              | 2              | 1.76 | 6960   |
| 1500     | 1900 | 1080       | 1080 | 4        | 12      | 46800              | 170000 | 1500TQO1900-1   |            | 1      | 0.35                | 1.9            | 2.9            | 1.8            | 1.68 | 7700   |
|          | 1915 | 1105       | 1220 | spec     | spec    | 44500              | 168000 | 1500TQO1915-1   |            | 1      | 0.33                | 2              | 3              | 2.0            | 1.77 | 8410   |
| 1580     | 1960 | 1080       | 1080 | 5        | 12      | 45700              | 176000 | 1580TQO1960-1   |            | 1      | 0.33                | 2              | 3              | 2              | 1.77 | 7800   |

Four-row Taper Roller Bearing  
(seal type)

WSW

| TQOS                |         |         |         |         |         |                    |      |                 |                     |     |     |     |      |            |
|---------------------|---------|---------|---------|---------|---------|--------------------|------|-----------------|---------------------|-----|-----|-----|------|------------|
| 基 本 尺 寸(mm)         |         |         |         |         |         | 基本额定载荷(kN)         |      | 轴 承 代 号         | 计 算 系 数             |     |     |     |      | 质量(kg)     |
| Boundary Dimensions |         |         |         |         |         | Basic Load Ratings |      |                 | Calculation Factors |     |     |     |      | Mass<br>参考 |
| d                   | D       | T       | B       | r1.3min | r3.5min | Cr                 | Cor  | Bearing Numbers | e                   | Y1  | Y2  | Y0  | K    | Refer.     |
| 152.4               | 244.475 | 187.325 | 192.088 | 1       | 3.3     | 1300               | 2160 | 152TQOS244-1    | 0.33                | 2   | 3   | 2   | 1.76 | 30         |
| 203.2               | 317.5   | 266.7   | 266.7   | 2.5     | 3.3     | 2460               | 4900 | 203TQOS317-1    | 0.31                | 2.2 | 3.3 | 2.2 | 1.86 | 76         |
| 206.375             | 282.575 | 226     | 226     | 0.6     | 3.3     | 1300               | 3350 | 206TQOS282-1    | 0.5                 | 1.4 | 2   | 1.3 | 1.15 | 40         |
| 220.662             | 314.325 | 239.712 | 239.712 | 1.5     | 3.3     | 1790               | 3800 | 220TQOS314-1    | 0.35                | 1.9 | 2.9 | 1.8 | 1.71 | 56         |
| 228.6               | 400.05  | 296.875 | 296.875 | 2.5     | 3.3     | 3360               | 5700 | 228TQOS400-1    | 0.44                | 1.5 | 2.3 | 1.4 | 1.3  | 148        |
| 241.478             | 349.148 | 228.6   | 228.6   | 1.5     | 3.3     | 1900               | 3650 | 241TQOS349-1    | 0.35                | 1.9 | 2.9 | 1.8 | 1.62 | 64         |
| 254                 | 358.775 | 269.875 | 269.875 | 1.5     | 3.3     | 2330               | 5400 | 254TQOS358-1    | 0.33                | 2   | 3   | 2   | 1.76 | 84         |
| 260                 | 365     | 340     | 340     | 2.5     | 3.5     | 3140               | 8000 | 260TQOS365-1    | 0.35                | 1.9 | 2.9 | 1.8 | 1.63 | 112        |
| 266.7               | 355.6   | 228.6   | 230.188 | 1.5     | 3.3     | 1720               | 4150 | 266TQOS355-1    | 0.35                | 1.9 | 2.9 | 1.8 | 1.66 | 68         |
| 276.225             | 393.7   | 269.875 | 269.875 | 1       | 6.4     | 2750               | 5850 | 276TQOS393-1    | 0.37                | 1.8 | 2.7 | 1.8 | 1.55 | 96         |
| 280                 | 395     | 340     | 340     | 2.5     | 3.5     | 3580               | 8650 | 280TQOS395-1    | 0.33                | 2   | 3   | 2   | 1.77 | 128        |
| 285.75              | 380.898 | 244.475 | 244.475 | 1       | 3.3     | 2200               | 5500 | 285TQOS380-1    | 0.43                | 1.6 | 2.3 | 1.6 | 1.38 | 74         |
| 300                 | 440     | 279.4   | 280.99  | 3.3     | 4.8     | 3080               | 6700 | 300TQOS440-1    | 0.46                | 1.5 | 2.2 | 1.4 | 1.29 | 137        |
| 304.648             | 438.048 | 279.4   | 280.99  | 2       | 4.8     | 3080               | 6700 | 304TQOS438-1    | 0.46                | 1.5 | 2.2 | 1.4 | 1.29 | 129        |
| 304.8               | 419.1   | 269.875 | 269.875 | 1       | 6.4     | 2860               | 6950 | 304TQOS419-1    | 0.35                | 1.9 | 2.9 | 1.8 | 1.62 | 108        |
|                     | 501.65  | 336.55  | 336.55  | 2       | 6.4     | 4730               | 9300 | 304TQOS501-1    | 0.4                 | 1.7 | 2.5 | 1.6 | 1.47 | 254        |
| 304.902             | 412.648 | 266.7   | 266.7   | 1       | 3.3     | 2700               | 6700 | 304TQOS412-1    | 0.31                | 2.2 | 3.3 | 2.2 | 1.85 | 100        |
| 305                 | 438.048 | 279.4   | 280.99  | 2       | 4.8     | 3080               | 6700 | 305TQOS438-1    | 0.46                | 1.5 | 2.2 | 1.4 | 1.29 | 129        |
| 317.5               | 422.275 | 269.875 | 269.875 | 1.5     | 3.3     | 2640               | 6550 | 317TQOS422-1    | 0.33                | 2   | 3   | 2   | 1.76 | 98         |

Four-row Taper Roller Bearing  
(seal type)

WSW

| TQOS                |         |         |         |         |         |                    |       |                 |                     |                |                |                |            |        |
|---------------------|---------|---------|---------|---------|---------|--------------------|-------|-----------------|---------------------|----------------|----------------|----------------|------------|--------|
| 基 本 尺 寸(mm)         |         |         |         |         |         | 基本额定载荷(kN)         |       | 轴 承 代 号         | 计 算 系 数             |                |                |                | 质量(kg)     |        |
| Boundary Dimensions |         |         |         |         |         | Basic Load Ratings |       |                 | Calculation Factors |                |                |                | Mass<br>参考 |        |
| d                   | D       | T       | B       | r1.3min | r3.5min | Cr                 | Cor   | Bearing Numbers | e                   | Y <sub>1</sub> | Y <sub>2</sub> | Y <sub>0</sub> | K          | Refer. |
| 333.375             | 469.9   | 342.9   | 342.9   | 2.5     | 3.3     | 4290               | 10400 | 333TQOS469-1    | 0.33                | 2              | 3              | 2              | 1.73       | 182    |
| 343.052             | 457.098 | 254     | 254     | 1       | 3.3     | 2330               | 6000  | 343TQOS457-1    | 0.68                | 1              | 1.5            | 1              | 0.84       | 109    |
| 355.6               | 482.6   | 269.875 | 265.112 | 1.5     | 3.3     | 3080               | 7500  | 355TQOS482-1    | 0.46                | 1.5            | 2.2            | 1.4            | 1.24       | 136    |
|                     | 488.95  | 317.5   | 317.5   | 1       | 3.3     | 4130               | 10000 | 355TQOS488-1    | 0.33                | 2              | 3              | 2              | 1.75       | 172    |
| 385.762             | 514.35  | 317.5   | 317.5   | 1       | 3.3     | 3910               | 10000 | 385TQOS514-1    | 0.4                 | 1.7            | 2.5            | 1.6            | 1.49       | 174    |
| 406.4               | 546.1   | 288.925 | 288.925 | 1.5     | 6.4     | 3910               | 9500  | 406TQOS546-1    | 0.48                | 1.4            | 2.1            | 1.4            | 1.22       | 183    |
|                     | 546.1   | 330     | 330     | 1.5     | 6.4     | 4020               | 10200 | 406TQOS546-2    | 0.48                | 1.4            | 2.1            | 1.4            | 1.23       | 202    |
| 409.575             | 546.1   | 334.962 | 334.962 | 1       | 6.4     | 4570               | 12000 | 409TQOS546-1    | 0.4                 | 1.7            | 2.5            | 1.6            | 1.47       | 210    |
| 415.925             | 590.55  | 434.975 | 434.975 | 3.3     | 6.4     | 7040               | 18000 | 415TQOS590-1    | 0.33                | 2              | 3              | 2              | 1.78       | 379    |
| 416                 | 574     | 440     | 440     | 2.5     | 5       | 6050               | 17000 | 416TQOS574-1    | 0.33                | 2              | 3              | 2              | 1.74       | 341    |
| 430                 | 575     | 380     | 380     | 1.5     | 5       | 5230               | 14300 | 430TQOS575-1    | 0.33                | 2              | 3              | 2              | 1.77       | 267    |
| 440                 | 590     | 480     | 480     | 1       | 5       | 7040               | 19200 | 440TQOS590-1    | 0.28                | 2.4            | 3.6            | 2.5            | 2.12       | 371    |
|                     | 650     | 353.5   | 353.5   | 5.5     | 6.4     | 6160               | 13200 | 440TQOS650-1    | 0.33                | 2              | 3              | 2              | 1.82       | 378    |
| 450                 | 595     | 398     | 398     | 2       | 6       | 5500               | 16300 | 450TQOS595-1    | 0.33                | 2              | 3              | 2              | 1.76       | 301    |
| 457.2               | 596.9   | 279.4   | 276.225 | 1.5     | 3.3     | 3960               | 10000 | 457TQOS596-1    | 0.48                | 1.4            | 2.1            | 2.1            | 1.24       | 191    |
| 460                 | 610     | 360     | 360     | 3       | 6       | 5120               | 12900 | 460TQOS610-1    | 0.37                | 1.8            | 2.7            | 1.8            | 1.56       | 270    |
| 475                 | 600     | 368     | 368     | 2       | 6       | 4730               | 14000 | 475TQOS600-1    | 0.33                | 2              | 3              | 2              | 1.81       | 235    |
| 479.425             | 679.45  | 495.3   | 495.3   | 3.3     | 6.4     | 8580               | 2240  | 479TQOS679-1    | 0.33                | 2              | 3              | 2              | 1.76       | 565    |
| 482.6               | 615.95  | 330.2   | 330.2   | 1       | 6.4     | 4950               | 13700 | 482TQOS615-1    | 0.33                | 2              | 3              | 2              | 1.76       | 232    |
|                     | 615.95  | 402.05  | 402.05  | 1       | 6.4     | 5610               | 17300 | 482TQOS615-2    | 0.33                | 2              | 3              | 2              | 1.76       | 290    |
| 482.6               | 630     | 420     | 420     | 3.3     | 6.4     | 5940               | 17000 | 482TQOS630-1    | 0.33                | 2              | 3              | 2              | 1.76       | 325    |

Four-row Taper Roller Bearing  
(seal type)

WSW

| TQOS                |          |         |         |         |         |                    |       |                 |                     |                |                |                |            |        |
|---------------------|----------|---------|---------|---------|---------|--------------------|-------|-----------------|---------------------|----------------|----------------|----------------|------------|--------|
| 基 本 尺 寸(mm)         |          |         |         |         |         | 基本额定载荷(kN)         |       | 轴 承 代 号         | 计 算 系 数             |                |                |                | 质量(kg)     |        |
| Boundary Dimensions |          |         |         |         |         | Basic Load Ratings |       |                 | Calculation Factors |                |                |                | Mass<br>参考 |        |
| d                   | D        | T       | B       | r1.3min | r3.5min | Cr                 | Cor   | Bearing Numbers | e                   | Y <sub>1</sub> | Y <sub>2</sub> | Y <sub>0</sub> | K          | Refer. |
| 489.026             | 634.873  | 320.675 | 320.675 | 1       | 3.3     | 4840               | 12500 | 489TQOS634-1    | 0.37                | 1.8            | 2.7            | 1.8            | 1.54       | 248    |
| 510                 | 655      | 379     | 377     | 1.5     | 6.4     | 5720               | 16300 | 510TQOS655-1    | 0.35                | 1.9            | 2.9            | 1.8            | 1.64       | 311    |
| 540                 | 690      | 434     | 434     | 2       | 5       | 7040               | 21200 | 540TQOS690-1    | 0.33                | 2              | 3              | 2              | 1.7        | 392    |
| 558.8               | 736.6    | 322.262 | 322.262 | 1.5     | 6.4     | 5830               | 14300 | 558TQOS736-1    | 0.35                | 1.9            | 2.9            | 1.8            | 1.7        | 343    |
|                     | 736.6    | 409.575 | 409.575 | 3.3     | 6.4     | 6600               | 20000 | 558TQOS736-2    | 0.48                | 1.4            | 2.1            | 1.4            | 1.21       | 475    |
|                     | 736.6    | 457.2   | 455.612 | 3.3     | 6.4     | 7920               | 23200 | 558TQOS736-3    | 0.35                | 1.9            | 2.9            | 1.8            | 1.69       | 515    |
| 571.5               | 812.8    | 593.725 | 593.725 | 3.3     | 6.4     | 11900              | 33500 | 571TQOS812-1    | 0.33                | 2              | 3              | 2              | 1.78       | 998    |
| 585.788             | 771.525  | 479.425 | 479.425 | 4       | 6.4     | 9520               | 27500 | 585TQOS771-1    | 0.33                | 2              | 3              | 2              | 1.78       | 596    |
| 609.6               | 787.4    | 361.95  | 361.95  | 3.3     | 6.4     | 6820               | 18600 | 609TQOS787-1    | 0.37                | 1.8            | 2.7            | 1.8            | 1.58       | 430    |
|                     | 813.562  | 479.425 | 479.425 | 3.3     | 6.4     | 9680               | 27500 | 609TQOS813-1    | 0.37                | 1.8            | 2.7            | 1.8            | 1.61       | 693    |
| 635                 | 901.7    | 654.05  | 654.05  | 3.3     | 6.4     | 14500              | 41500 | 635TQOS901-1    | 0.35                | 1.9            | 2.9            | 1.8            | 1.64       | 1354   |
| 679.45              | 901.7    | 552.45  | 552.45  | 3.3     | 6.4     | 12100              | 36000 | 679TQOS901-1    | 0.33                | 2              | 3              | 2              | 1.76       | 975    |
| 682.625             | 965.2    | 701.675 | 701.675 | 3.3     | 6.4     | 17200              | 49000 | 682TQOS965-1    | 0.35                | 1.9            | 2.9            | 1.8            | 1.69       | 651    |
| 685.8               | 876.3    | 355.6   | 352.425 | 3.3     | 6.4     | 7210               | 20000 | 685TQOS876-1    | 0.37                | 1.8            | 2.7            | 1.8            | 1.62       | 506    |
| 710                 | 900      | 410     | 410     | 3       | 6       | 8250               | 24000 | 710TQOS900-1    | 0.33                | 2              | 3              | 2              | 1.8        | 602    |
| 711.2               | 914.4    | 317.5   | 317.5   | 2.5     | 6.4     | 6600               | 17300 | 711TQOS914-1    | 0.37                | 1.8            | 2.7            | 1.8            | 1.57       | 490    |
| 749.3               | 990.6    | 605     | 605     | 3.3     | 6.4     | 13200              | 40500 | 749TQOS990-1    | 0.37                | 1.8            | 2.7            | 1.8            | 1.59       | 1274   |
| 762                 | 1079.5   | 787.4   | 784.4   | 4.8     | 12.7    | 21200              | 61000 | 762TQOS1079-1   | 0.35                | 1.9            | 2.9            | 1.8            | 1.68       | 2248   |
| 825.5               | 1168.4   | 844.55  | 844.55  | 4.8     | 12.7    | 24600              | 73500 | 825TQOS1168-1   | 0.31                | 2.2            | 3.3            | 2.2            | 1.85       | 2958   |
| 863.6               | 1169.987 | 844.55  | 844.55  | 4.8     | 12.7    | 23300              | 71000 | 863TQOS1169-1   | 0.37                | 1.8            | 2.7            | 1.8            | 1.6        | 2630   |

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