

WAFANGDIAN GUANGDA BEARING MANUFACTURING CO.,LTD.



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

WSW[®]
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.

Single-row Taper Roller Bearing



Product Characteristics

The inner and outer rings of tapered roller bearings have tapered raceway. The tapered rollers are mounted between raceways. If extending the tapered surfaces, the sliding surfaces of the cup, the inner ring and the rolling elements will converge towards the same single point on the bearing axes. Tapered roller bearings can bear combined radial and load axial. The axial load capacity of the bearing varies with contact angle. The greater the contact angle is, the bigger the axial load capacity is. Tapered roller bearings belong to separable bearings. The rollers, the inner ring and the cage consist of cones, which can be mounted separately from cup.

These bearings can limit the axial displacement of either shaft or housing in one direction. When only radial load, the auxiliary axial force can be formed. It is suggested that two of the bearings be put in face-to-face or back-to-back arrangements in application and the cup and cones should be mounted relatively to their end surfaces.

These bearings are mainly used on automobile wheels (both former and rear), variable speed devices, differential mechanisms, pinion shafts, machine tool spindles, construction machines, large size agricultural machines, gear deceleration devices for railway vehicles, and the small deceleration devices for mill roll necks.

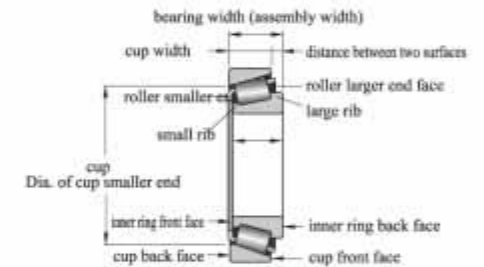
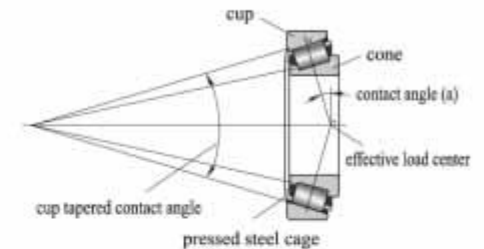
Types of bearings

WSW manufactures both metric and inch-sized single row, double row and four-row tapered roller bearings.

● Single - row tapered roller bearings

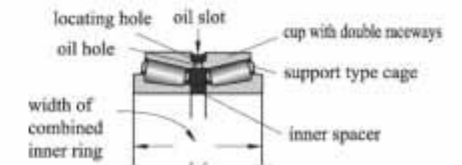
These bearings can only limit the axial displacement of either the shaft or the housing in one direction, and can carry axial load in one direction. When with only radial load, the axial force formed inside the bearing must be offset. It is suggested that two of the bearings

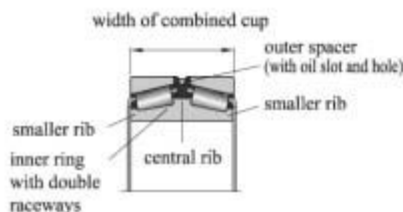
to be put in face-to-face or back-to-back arrangements in application.



● Double-row tapered roller bearings

These bearings can carry axial load in two direction when they carry radial load. The axial displacement in two direction of the shaft and housing are limited within the bearings radial clearance range.





● Four-row tapered roller bearings

The functions and features of these bearings are basically the same as those of the double-row design. However, they can carry heavier load than the double-row tapered roller bearings, but with slightly slower rotation speed. These bearings are mainly applied to heavy machinery such as rolling mills.

● Multi-sealed double-row or four-row tapered roller bearings

WSW manufactures double-row and four-row tapered roller bearings with longer life, multiple seals. Their seal performance are improved by amending traditional design method of full seal bearings, adopting new type seal structure. Comparing to open type bearings, the life of multiple seals double-row or four-row tapered bearings can be increased by 20 to 40%, and the lubricating consumption is decreased by 80%.

Multi-sealed double-row or four-row tapered roller bearings are denoted with the suffix XRS.

Dimension scope

The basic dimensions of **WSW** tapered roller bearing are listed in the bearing dimensions data sheet.

Single row tapered roller bearings

Bore diameter dimension range: 20 mm to 1270mm
 Outside diameter dimension range: 40mm to 1465mm
 Width dimension range: 15mm to 240mm

Double row tapered roller bearings

Bore diameter dimension range: 38 mm to 1560mm
 Outside diameter dimension range: 70mm to 1800mm
 Width dimension range: 50mm to 460mm

Four row tapered roller bearings

Bore diameter dimension range: 130 mm to 1600mm
 Outside diameter dimension range: 200mm to 2000mm
 Width dimension range: 150mm to 1150mm

Tolerance

WSW manufactures tapered roller bearings with P0, PX, P6, P5, P4, and P2 precision grade. All the tolerance values conform to GB307.1 standard. The tolerances are listed in the preface tables.

WSW manufactures inch-sized tapered roller bearings with normal tolerance class, also manufactures inch -sized tapered roller bearings with CL2, CL3, CL10 and CL00 tolerances

Radial clearance

WSW single-row tapered roller bearings have clearance only after they are mounted, and the clearance can be determined only when another bearing is located next to it in the opposite direction after adjusting. The radial clearance of double two and four-row tapered roller bearing are listed in the preface tables.

Cage

Normally, tapered roller bearings use pressed basket shaped cages of steel sheet but for bearings with greater dimensions, machined solid support shaped cages are also used.

1. When the bearings outside Dia. is smaller than or equal to 650mm, steel sheet pressed cage are used, the suffix of code does not denote the structure of cage.
2. When outside Dia. is bigger than 650mm, steel solid support shaped cage are used, the suffix of code does not denote the structure of cage.

Angle deviation allowance

Usually for tapered roller bearings, there should be no misalignment between the shaft and the housing bore. When there is misalignment, the slope angle should not be greater than 2'.

Single-row tapered roller bearings Equivalent dynamic load

Usually for tapered roller bearings, there should be no misalignment between the shaft and the housing bore. When there is misalignment, the slope angle should not be greater than 2'.

$$\text{When } F_a/F_r \leq e \quad P = F_r \quad [\text{KN}]$$

$$\text{When } F_a/F_r > e \quad P = 0.4F_r + YF_a \quad [\text{KN}]$$

Single row tapered roller bearings can be used in pairs (their basic dimensions may be different), and when calculating the equivalent dynamic load, the additional axial force caused by the radial load must be calculated and taken into consideration. The additional force S of single-row tapered roller bearings can be approximately calculated according to the following formula:

$$S = F_r / 2Y$$

Equivalent static load

Single row tapered roller bearings

$$P_0 = 0.5F_r + Y_0F_a \quad [\text{KN}]$$

$$P_0 < F_r \quad P_0 = F_r$$

Double-row and four-row tapered roller bearings

Equivalent dynamic load

$$P = 0F_r + Y_1F_a \quad [\text{KN}]$$

When $F_a/F_r \leq e$

$$P = 0.67F_r + Y_2F_a \quad [\text{KN}]$$

When $F_a/F_r > e$

Equivalent static load

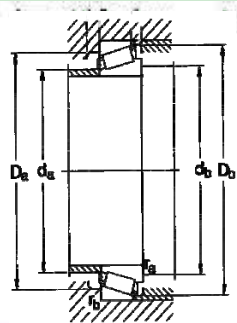
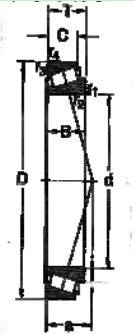
$$P_0 = F_r + Y_0F_a \quad [\text{KN}]$$

F_r and F_a indicate total load acted on single row, double-row and four-row tapered roller bearings.

The factors e , Y , Y_1 , Y_2 , Y_0 are listed in the bearing dimension tables.

Single-row Taper Roller Bearing

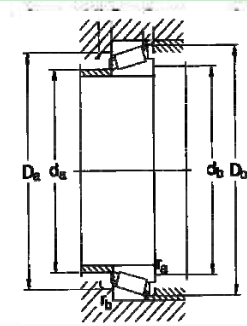
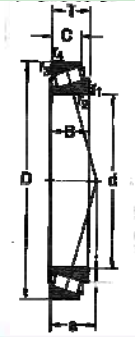
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基本尺寸(mm) Boundary Dimensions							基本额定载荷(kN) Basic Load Ratings		极限转速(rpm) Speed Ratings		作用点 Load Center Spacings	轴承代号 Bearing Numbers		相关安装尺寸(mm) Abutment and Fillet Dimensions						计算系数 Calculation Factors			质量(kg) Mass 参考 Refer.
d	D	T	B	C	r1.2min r3.4min		Cr	Cor	脂润滑 Grease	油润滑 Oil		新代号 New	旧代号 Old	damax	dbmin	Damax	Dbmin	ramax	rmin	e	Y	Y0	
100	140	25	25	20	1.5	1.5	117	205	2000	3000	24.2	32920	2007920	112	106	131	136	1.5	1.5	0.33	1.8	1	1.18
	150	32	32	24	2	1.5	176	294	2000	3000	32.5	32020X	2007120	115	106	138	146	2	1.5	0.46	1.3	0.72	1.95
	150	39	39	32.5	2	1.5	224	390	2000	3000	29	33020	3007120	109	109	135	143	1.5	1.5	0.28	2.1	1.1	2.4
	165	52	52	40	2.5	2	325	523	2000	3000	40.1	33120	3007720	112	12	142	159	2	2	0.41	1.48	0.81	4.29
	180	37	34	29	3	2.5	255	330	1900	2800	36.1	30220	7220E	121	110	163	172	2.5	2	0.42	1.4	0.79	3.78
	180	49	46	39	3	2.5	325	450	1800	2600	41.5	32220	7520E	122	110	161	174	2.5	2	0.42	1.4	0.79	5.05
	180	63	63	48	3	2.5	429	655	1700	2400	43	33220	3007220	112	112	151	168	2	2	0.4	1.5	0.8	6.95
	215	51.5	47	39	4	3	365	435	1700	2400	41.7	30320	7320E	130	116	193	204	3	2.5	0.35	1.7	0.95	7.94
	215	56.5	51	35	4	3	374	465	1600	2200	65	31320	27320E	121	114	168	202	2.5	2.5	0.83	0.72	0.4	8.6
	215	77.5	73	60	4	3	565	755	1600	2200	53.2	32320	7620E	130	114	190	206	3	2.5	0.35	1.7	0.96	12.7
105	145	25	25	20	1.5	1.5	119	212	1700	2400	25.3	32921	2007921	117	111	136	141	1.5	1.5	0.34	1.8	0.96	1.23
	160	35	35	26	2.5	2	204	340	1900	2800	34.3	32021X	2007121	122	112	146	155	2	2	0.44	1.4	0.74	2.48
	160	43	43	34	2.5	2	246	430	1900	2800	31	33021	3007121	115	117	150	153	2	2	0.28	2.1	1.1	3.05
	175	56	56	44	2.5	2	360	607	1700	2400	43.2	33121	3007721	117	116	150	169	2	2	0.4	1.48	0.82	5.33
	190	39	36	30	3	2.5	280	365	1800	2600	38.1	30221	7221E	127	116	172	182	2.5	2	0.42	1.4	0.79	4.52
	190	53	50	43	3	2.5	360	510	1800	2600	44.8	32221	7521E	128	115	170	183	2.5	2	0.42	1.4	0.79	6.26
	190	68	68	52	3	2.5	497	790	1800	2600	48.8	33221	3007221	119	117	159	182	2.5	2	0.4	1.49	0.82	8.43
	225	53.5	49	41	4	3	395	470	1600	2200	43.5	30321	7321E	136	121	202	214	3	2.5	0.35	1.7	0.95	9.11
	225	58	53	36	4	3	397	489	1600	2200	70.3	31321	27321E	123	126	193	211	3	2.5	0.83	0.73	0.4	9.72
	225	81.5	77	63	4	3	585	780	1500	2000	55	32321	7621E	137	119	199	215	3	2.5	0.35	1.7	0.95	14.2
106	160	35	35	26	6.4	2	201	335	1900	2800	34	320/106		127	116	150	154	6	2	0.44	1.35	0.8	2.3
110	150	25	25	20	1.5	1.5	123	224	2000	3000	26.5	32922	2007922	122	116	141	146	1.5	1.5	0.36	1.7	0.93	1.29
	170	38	38	29	2.5	2	236	390	1800	2600	35.9	32022X	2007122	128	117	156	165	2	2	0.43	1.4	0.77	3.09
	170	47	47	37	2.5	2	281	500	1800	2600	34	33022	3007122	120	123	160	161	2	2	0.28	2.1	1.1	3.85
	180	56	56	43	2.5	2	369	630	1800	2600	44	33122	3007722	120	121	170	174	2	2	0.43	1.4	0.8	5.55
	200	41	38	32	3	2.5	315	420	1700	2400	40.1	30222	7222E	134	121	181	192	2.5	2	0.42	1.4	0.79	5.28
	200	56	53	46	3	2.5	400	565	1700	2400	47.2	32222	7522E	135	121	179	193	2.5	2	0.42	1.4	0.79	7.35
	240	54.5	50	42	4	3	485	595	1600	2200	45.1	30322	7322E	143	129	216	228	3	2.5	0.35	1.7	0.96	11

Single-row Taper Roller Bearing

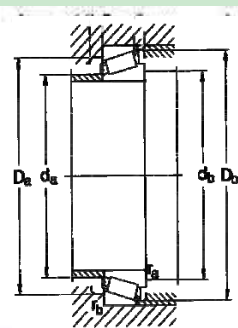
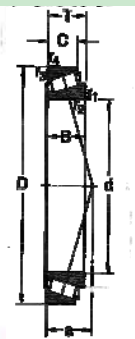
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基本尺寸(mm) Boundary Dimensions							基本额定载荷(kN) Basic Load Ratings		极限转速(rpm) Speed Ratings		作用点 Load Center Spacings	轴承代号 Bearing Numbers		相关安装尺寸(mm) Abutment and Fillet Dimensions						计算系数 Calculation Factors			质量(kg) Mass 参考 Refer.
d	D	T	B	C	r1.2min r3.4min		Cr	Cor	脂润滑 Grease	油润滑 Oil		新代号 New	旧代号 Old	damax	dbmin	Dmax	Dbmin	Tmax	Tbmax	e	Y	Y0	
110	240	63	57	38	4	3	457	585	1400	1900	72	31322	27322E	124						0.35	1.7	0.96	12
	240	84.5	80	65	4	3	675	910	1400	1900	58.5	32322	7622E	144	127	213	229	3	2.5				17.1
120	165	29	29	23	1.5	1.5	157	283	1700	2400	29.2	32924	2007924	133	126	155	161	1.5	1.5	0.35	1.7	0.95	18
	180	38	38	29	2.5	2	242	405	1700	2400	39.7	32024X	2007124	138	127	165	175	2	2	0.46	1.3	0.72	3.27
	180	48	48	38	2.5	2	292	540	1800	2600	36	33024	3007124	130	132	170	171	2	2	0.31	1.97	1.08	4.2
	200	62	62	48	2.5	2	462	785	1700	2400	47.8	33124	3007724	132	133	172	192	2	2	0.4	1.51	0.83	7.73
	215	43.5	40	34	3	2.5	335	450	1600	2200	44.4	30224	7224E	145	132	195	206	2.5	2	0.44	1.4	0.76	6.28
	215	61.5	58	50	3	2.5	440	635	1600	2200	52	32224	7524E	146	131	192	208	2.5	2	0.44	1.4	0.76	9
	260	59.5	55	46	4	3	535	655	1500	2000	50	30324	7324E	155	139	234	247	3	2.5	0.35	1.7	0.96	13.9
	260	68	62	42	4	3	530	735	1200	1700	82	31324	27324E	134	145	246	244	2.5	2.5	0.83	0.7	0.4	16
	260	90.5	86	69	4	3	770	1060	1300	1800	62.4	32324	7624E	155	137	230	248	3	2.5	0.35	1.7	0.96	21.8
	180	32	32	25	2	1.5	198	365	1700	2400	31	32926	2007926	139	141	167	173	1.5	1.5	0.33	1.8	1	2.4
	200	45	45	34	2.5	2	320	535	1600	2200	43.9	32026X	2007126	151	139	184	195	2	2	0.43	1.4	0.76	5.06
	200	55	55	43	2.5	2	390	705	1500	2000	42.5	33026	3007126	142	143	178	192	2	2	0.34	1.76	0.97	6.19
130	230	43.75	40	34	4	3	330	435	1500	2000	42.8	30226	7226E	158	145	211	222	3	2.5	0.39	1.5	0.85	6.83
	230	67.75	64	54	4	3	495	740	1500	2000	53.5	32226	7526E	158	141	206	222	3	2.5	0.39	1.5	0.85	11
	280	63.75	58	49	5	4	545	675	1300	1800	53.9	30326	7326E	169	152	251	265	4	3	0.36	1.7	0.92	16.6
	280	72	66	44	5	4	600	830	1100	1600	87	31326	27326E	148	157	262	261	5	4	0.83	0.7	0.4	19.4
	280	98.75	93	78	5	4	830	1150	1100	1600	69.2	32326	7626	172	150	248	269	4	3	0.36	1.7	0.92	26.6
	190	32	32	25	2	1.5	205	390	1600	2200	33	32928	2007928	149	150	181	184	1.5	1.5	0.35	1.7	0.9	2.55
	195	29	27	21	3	3	194	325	1600	2200	40	32928X3		152	151	180	181	2	2.5	0.5	1.2	0.7	2.4
	210	45	45	34	2.5	2	325	555	1600	2200	46.6	32028X	2007128	161	148	193	205	2	2	0.46	1.3	0.72	5.32
	210	56	56	44	2.5	2	406	758	1500	2000	45.6	33028	3007128	152	152	186	202	2	2	0.36	1.67	0.92	6.61
	250	45.75	42	36	4	3	390	515	1400	1900	48.9	30228	7228E	169	154	228	240	3	2.5	0.44	1.4	0.76	8.74
140	250	71.75	68	58	4	3	610	915	1400	1900	60.5	32228	7528E	171	152	224	242	3	2.5	0.44	1.4	0.76	14.3
	300	67.75	62	53	5	4	600	740	1200	1700	57.4	30328	7328E	180	162	269	284	4	3	0.36	1.7	0.92	20.1
	300	77	70	47	5	4	670	950	1000	1500	94	31328	27328E	158	169	282	280	3	3	0.83	0.7	0.4	23.8
	300	107.75	102	85	5	4	985	1440	950	1400	76.4	32328	7628E	185	161	265	288	4	3	0.37	1.6	0.88	33.9

Single-row Taper Roller Bearing

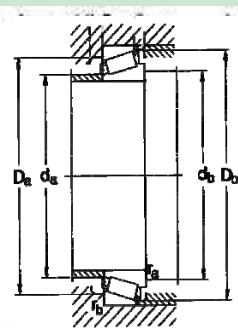
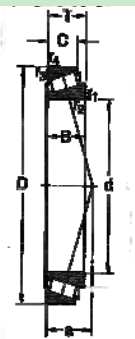
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基本尺寸(mm) Boundary Dimensions							基本额定载荷(kN) Basic Load Ratings		极限转速(rpm) Speed Ratings 脂润滑 油润滑 Grease Oil		作用点 Load Center Spacings	轴承代号 Bearing Numbers 新代号 旧代号 New Old		相关安装尺寸(mm) Abutment and Fillet Dimensions damax dbmin Damax Dbmin famax fbmax						计算系数 Calculation Factors e Y Y0			质量(kg) Mass 参考 Refer.
d	D	T	B	C	r1.2min	r3.4min	Cr	Cor						damax	dbmin	Da	Db	fam	fb	e	Y	Y0	
150	210	38	38	30	2.5	2	270	500	1500	2000	36	32930	2007930	171	148	193	205	2	2	0.33	1.8	1	3.88
	225	48	48	36	3	2.5	375	650	1500	2000	49.8	32030X	2007130	173	159	206	219	2.5	2	0.46	1.3	0.72	6.6
	225	59	59	46	3	2.5	457	865	1500	2000	48	33030	3007130	162	164	213	217	2.5	2	0.37	1.6	0.9	8.15
	270	49	45	38	4	3	435	570	1300	1800	50.2	30230	7230E	180	165	246	259	3	2.5	0.43	1.4	0.77	10.7
	270	77	73	60	4	3	595	900	1200	1700	64	32230	7530E	184	166	242	260	3	2.5	0.4	1.5	0.82	17.1
	320	72	65	55	5	4	690	860	1100	1600	61.4	30330	7330E	193	174	288	304	4	3	0.36	1.7	0.92	24.2
	320	82	75	50	5	4	765	1080	950	1400	100	31330	27330E	168	181	302	300	3	3	0.83	0.7	0.4	28.9
	320	114	108	90	5	4	1120	1700	950	1400	81.5	32330	7630E	198	173	282	306	4	3	0.37	1.6	0.88	41.4
	220	38	36	31	2.5	2	250	455	1100	1600	39.3	32932	2007932	178	168	206	215	2	2	0.35	1.7	0.95	4.06
	240	51	51	38	3	2.5	425	750	1300	1800	53	32032X	2007132	184	169	221	234	2.5	2	0.46	1.3	0.72	7.93
160	290	52	48	40	4	3	470	610	1100	1600	55	30232	7232E	195	178	266	279	3	2.5	0.43	1.4	0.77	13.1
	290	84	80	67	4	3	725	1120	1100	1600	70.1	32232	7532E	197	177	261	281	3	2.5	0.4	1.5	0.82	22.1
	340	75	68	58	5	4	765	960	1000	1500	64.6	30332	7332E	205	185	307	323	4	3	0.36	1.7	0.92	28.4
	340	87	79	54	5	4	850	1220	1000	1500	107	31332	27332E	205	185	307	323	4	3	0.83	0.7	0.4	34.5
	340	121	114	95	5	4	1210	1770	950	1400	87.1	32332	7632E	210	183	301	327	4	3	0.37	1.6	0.88	48.3
	230	38	36	31	2.5	2	258	485	1200	1700	41.6	32934	2007934	188	178	216	225	2	2	0.36	1.6	0.9	4.3
	260	57	57	43	3	2.5	505	890	1200	1700	56.6	32034X	2007134	196	180	239	253	2.5	2	0.44	1.4	0.74	10.6
	310	57	52	43	5	4	525	690	1000	1500	59.8	30234	7234E	207	189	282	297	4	3	0.43	1.4	0.77	16.1
	310	91	86	71	5	4	835	1320	1000	1500	73.9	32234	7534E	210	188	278	299	4	3	0.4	1.5	0.82	27.6
	360	80	72	62	5	4	845	1080	950	1400	70.1	30334	7334E	219	198	326	344	4	3	0.37	1.6	0.9	33.5
170	360	92	84	56	5	4	965	1400	950	1400	113	31334	27334E	219	198	326	344	4		0.83	0.7	0.4	40.9
	360	127	120	100	5	4	1370	2050	900	1300	91.3	32334	7634E	222	194	319	346	4	3	0.37	1.6	0.88	57
	250	45	42	36	2.5	2	310	570	1200	1700	48.5	32936	2007936	200	189	234	244	2	2	0.37	1.6	0.88	6.22
	280	64	64	48	3	2.5	640	1130	1100	1600	60.4	32036X	2007136	208	192	257	272	2.5	2	0.42	1.4	0.78	14.3
	320	57	52	43	5	4	520	695	1000	1500	62.1	30236	7236E	215	199	291	306	4	3	0.44	1.4	0.74	16.6
	320	91	86	71	5	4	875	1380	950	1400	75.2	32236	7536E	221	198	289	310	4	3	0.4	1.5	0.82	28.5
	380	83	75	64	5	4	935	1230	950	1400	72.4	30336	7336E	230	209	343	360	4	3	0.36	1.7	0.92	39.3
	380	97	88	60	5	4	1040	1530	950	1400	119	31336	27336E	230	209	343	360	4	3	0.83	0.7	0.4	47.7

Single-row Taper Roller Bearing

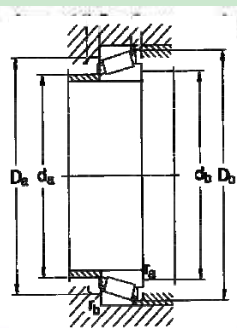
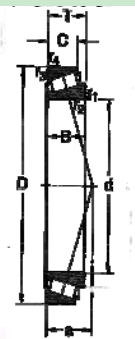
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基本尺寸(mm) Boundary Dimensions							基本额定载荷(kN) Basic Load Ratings		极限转速(rpm) Speed Ratings 脂润滑 油润滑 Grease Oil		作用点 Load Center Spacings	轴承代号 Bearing Numbers 新代号 旧代号 New Old		相关安装尺寸(mm) Abutment and Fillet Dimensions						计算系数 Calculation Factors			质量(kg) Mass 参考 Refer.
d	D	T	B	C	r1.2min	r3.4min	Cr	Cor						d _{amax}	d _{bmin}	D _{amax}	D _{bmin}	f _{amax}	f _{bmin}	e	Y	Y ₀	
180	380	134	126	106	5	4	1520	2290	950	1400	96.6	32336	7636E	232	205	336	364	4	3	0.37	1.6	0.88	66.8
190	260	45	42	36	2.5	2	335	645	950	1400	49.9	32938	2007938	210	199	244	254	2	2	0.39	1.5	0.85	6.59
	290	64	64	48	3	2.5	650	1170	1000	1500	63.3	32038X	2007138	219	202	267	283	2.5	2	0.44	1.4	0.75	14.9
	340	60	55	46	5	4	580	790	950	1400	62.7	30238	7238E	230	212	311	326	4	3	0.4	1.5	0.82	24
	400	101	92	65	5	4	1120	1630	900	1300	115	31338	27338E	249	220	355	385	5	4	0.73	0.8	0.5	54.1
	400	140	132	109	6	5	1660	2580	850	1200	102.7	32338	7638E	249	220	355	385	5	4	0.37	1.6	0.88	78.9
200	280	51	51	39	3	2.5	475	950	1000	1500	54	32940	2007940	212	217	268	271	2.5	2	0.4	1.5	0.8	9.39
	360	64	58	48	5	4	645	890	900	1300	65.5	30240	7240E	242	224	329	345	4	3	0.4	1.5	0.82	23.8
	360	104	98	82	5	4	1090	1750	900	1300	85	32240	7540E	244	219	322	347	4	3	0.4	1.5	0.82	42
	420	89	80	67	6	5	1030	1390	850	1200	81.4	30340	7340E	251	229	372	391	5	4	0.37	1.6	0.88	52.3
	420	107	97	70	5	4	1320	1900	850	1200	130	31340	27340E	251	229	372	391	5	4	0.79	0.8	0.4	65.1
	420	146	138	115	6	5	1820	2870	800	1100	106.7	32340	7640E	260	229	372	403	5	4	0.37	1.6	0.88	90.9
220	300	51	51	39	3	2.5	475	1000	900	1300	59	32944	2007944							0.43	1.4	0.8	10.1
	340	76	76	57	4	3	885	1610	900	1300	73.6	32044X	2007144	254	234	313	331	3	2.5	0.43	1.4	0.77	24.4
	400	72	65	54	5	4	810	1150	850	1200	74.6	30244	7244E	266	246	365	381	4	3	0.4	1.5	0.82	33.6
	400	114	108	90	5	4	1340	2210	800	1100	93	32244	7544E	270	242	360	386	4	3	0.4	1.5	0.82	57.4
	460	97	88	73	6	5	1430	1990	750	1000	85.3	30344	7344E	277	254	414	434	5	4	0.36	1.7	0.92	72.4
	460	154	145	122	6	5	2020	3200	700	950	114.9	32344	7644E	281	250	405	438	5	4	0.37	1.6	0.88	114
240	320	51	51	39	3	2.5	490	1080	900	1300	65	32948	2007948	252	255	308	311	2	2	0.46	1.3	0.7	10.9
	360	76	76	57	4	3	920	1730	850	1200	79.1	32048X	2007148	274	253	332	351	3	2.5	0.46	1.3	0.72	26.2
	440	79	72	60	5	4	990	1400	800	1100	85.1	30248	7248E	290	267	401	422	4	3	0.44	1.4	0.74	45.2
	440	127	120	100	5	4	1630	2730	750	1000	102.5	32248	7548E	296	265	397	426	4	3	0.4	1.5	0.82	78
	500	105	95	80	6	5	1660	2340	750	1000	92.8	30348	7348E	300	277	449	471	5	4	0.36	1.7	0.92	92.6
	500	165	155	132	6	5	2520	4100	700	950	123.2	32348	7648E	307	273	444	479	5	4	0.37	1.6	0.88	145
260	360	63.5	63.5	48	3	2.5	710	1500	900	1300	70	32952	2007952	294	253	332	351	4	4	0.41	1.5	0.8	18.8
	400	87	87	65	5	4	1160	2160	800	1100	86.3	32052X	2007152	300	276	368	389	4	3	0.43	1.4	0.76	38.5
	480	89	80	67	6	5	1190	1700	700	950	94.5	30252	7252E	318	291	438	461	5	4	0.44	1.4	0.74	60.7

Single-row Taper Roller Bearing

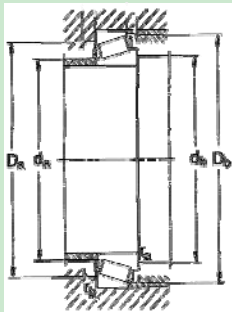
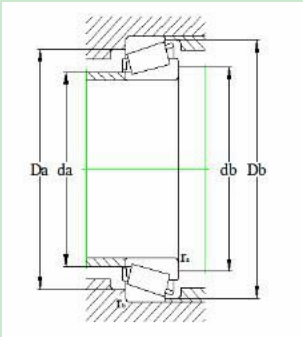
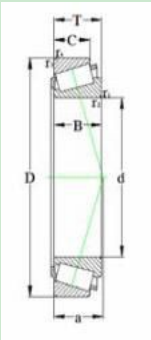
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基本尺寸(mm) Boundary Dimensions							基本额定载荷(kN) Basic Load Ratings		极限转速(rpm) Speed Ratings		作用点 Load Center Spacings	轴承代号 Bearing Numbers		相关安装尺寸(mm) Abutment and Fillet Dimensions						计算系数 Calculation Factors			质量(kg) Mass 参考 Refer.
d	D	T	B	C	r1.2min	r3.4min	Cr	Cor	脂润滑 Grease	油润滑 Oil		新代号 New	旧代号 Old	d _{amax}	d _{bmin}	D _{amax}	D _{bmin}	r _{amax}	r _{bmax}	e	Y	Y ₀	
260	480	137	130	106	6	5	1900	3300	670	900	116	32252	7552E	319	286	426	460	5	4	0.45	1.3	0.73	103
	540	113	102	85	6	6	2120	3050	630	850	97	30352	7352E	286	325	512	493	5	5	0.35	1.7	0.9	110
280	380	63.5	63.5	48	3	2.5	710	1560	800	1100	75	32956	2007956	292	298	368	368	2.5	2.5	0.43	1.4	0.8	19.9
	420	87	87	65	5	4	1180	2240	750	1000	91.6	32056X	2007156	320	295	386	409	4	3	0.46	1.3	0.72	40.6
	500	89	80	67	6	5	1240	1900	700	950	98.5	30256	7256E	336	313	456	478	5	4	0.44	1.4	0.74	66.3
300	420	76	76	57	4	3	930	2040	700	950	80	32960	2007960	314	324	406	405	3	2.5	0.39	1.5	0.8	31.3
	460	100	100	74	5	4	1440	2700	670	900	98.4	32060X	2007160	344	317	423	447	4	3	0.43	1.4	0.76	56.6
	540	96	85	71	6	5	1440	2100	650	920	105.1	30260	7260E	357	331	493	517	5	4	0.44	1.4	0.74	80.6
	540	149	140	115	6	5	2220	3700	600	800	131.6	32260	7560E	364	329	486	524	5	4	0.46	1.3	0.72	132
320	440	76	76	57	4	3	1000	2320	670	900	86	32964	2007964	334	343	428	426	3	2.5	0.42	1.4	0.8	33.6
	480	100	100	74	5	4	1510	2910	630	850	104.5	32064X	2007164	365	338	443	468	4	3	0.46	1.3	0.72	60
	580	104	92	75	6	5	1640	2420	600	800	113.7	30264	7264E	382	354	529	554	5	4	0.44	1.4	0.74	99.3
	580	159	150	125	5	5	2620	4650	550	750	142	32264	7564E	342	369	473	551	4	4	0.47	1.27	0.7	172.1
340	460	76	76	57	4	3	1040	2450	530	850	91	32968	2007968	357	361	440	446	3	2.5	0.44	1.4	0.8	35.4
	520	112	106	90	5	5	1650	3150	500	720	103.5	32068		362	374	452	496	4	4	0.37	1.6	0.88	78.7
360	480	76	76	57	4	3	1020	2400	600	800	97	32972	2007972	377	380	464	466	3	2.5	0.46	1.3	0.7	36.8
	540	112	106	90	5	5	1740	3300	500	720	106	32072X	2007172	382	394	476	519	4	4	0.37	1.6	0.88	83.7
	680	165	150	125	7.5	7.5	3690	6300	480	630	172	30272	7272E	394	416	551	646	6	6	0.6	1	0.6	260
380	520	87	82	71	5	4	1210	2550	530	850	95.2	32976	2007976	418	396	487	508	4	3	0.39	1.6	0.86	49.5
	560	112	106	90	5	5	1920	3800	500	720	109.5	32076X	2007176	402	413	495	539	4	4	0.37	1.6	0.88	89.3
400	540	87	82	71	5	4	1250	2700	500	720	100.8	32980		439	417	508	530	4	3	0.4	1.5	0.82	52.7
	600	125	118	100	6	5	1960	4050	480	630	115.3	32080		453	424	553	580	5	4	0.36	1.7	0.92	116
420	560	87	82	72	5	4	1300	2810	480	630	106.1	32984		458	436	528	550	4	3	0.41	1.5	0.81	54.8
	620	125	118	100	6	5	2000	4200	450	600	120	32084		473	444	572	600	5	4	0.37	1.6	0.88	121
440	600	100	95	82	4	4	1600	3450	450	600	106	32988		458	473	543	581	3	3	0.35	1.7	0.93	76
	650	130	122	104	6	6	2230	4600	400	550	126.3	32088		496	467	602	630	5	5	0.36	1.7	0.92	136
	650	130	122	104	6	6	2230	4600	400	550	126.3	32088		496	467	602	630	5	5	0.36	1.7	0.92	136

Single-row Taper Roller Bearing
(Inch Series)

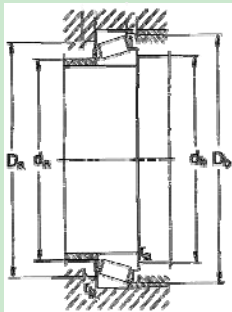
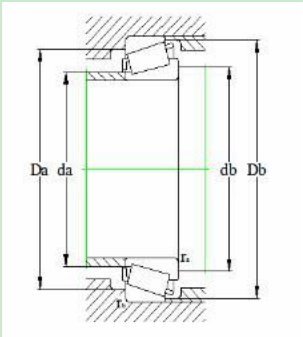
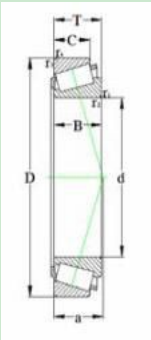
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基本尺寸(mm) Boundary Dimensions							基本额定载荷(kN) Basic Load Ratings		极限转速(rpm) Speed Ratings 脂润滑 油润滑 Grease Oil		作用点 Load Center Spacings a	轴承代号 Bearing Numbers	相关安装尺寸(mm) Abutment and Fillet Dimensions						计算系数 Calculation Factors			质量(kg) Mass 参考 Refer.
d	D	T	B	C	r1.2min	r3.4min	Cr	Cor					d _{amax}	d _{bmin}	D _{amax}	D _{bmin}	r _{amax}	r _{bmax}	e	Y	Y ₀	
95.25	190.5	57.15	57.531	46.038	7.9	3.2	440	602	2300	3400	42.5	HH221440/HH221410	115	119	168	179	7.9	3.2	0.33	1.79	0.99	7.37
96.838	148.43	28.575	28.971	21.433	3.6	3	143	225	2300	3400	31.9	42381/42584	108	108	133	140	3.6	3	0.49	1.22	0.67	1.64
	188.913	50.8	46.038	31.75	3.6	3.2	276	357	2300	3400	63	90381/90744	108	115	161	179	3.6	3.2	0.87	0.69	0.38	5.68
98.425	161.925	36.512	36.116	26.195	3.6	3.2	180	288	2200	3300	36	52387/52637	110	114	142	151	3.6	3.2	0.47	1.26	0.69	2.74
	168.275	41.275	41.275	30.162	3.6	3.2	224	349	2200	3300	38.6	685/672	110	115	147	156	3.6	3.2	0.47	1.28	0.7	3.51
	180.975	47.625	48.006	38.1	3.6	3.2	288	438	2100	3200	39.5	779/772	110	120	156	166	3.6	3.2	0.39	1.56	0.86	5.2
	184.15	63.5	63.5	52.388	6.4	3.2	445	687	2100	3200	46.2	HH421246/HH421210	115	117	161	174	6.4	3.2	0.37	1.6	0.88	7.45
	190.5	57.15	57.531	44.45	3.6	3.2	353	504	2100	3200	40	866/854	110	120	162	172	3.6	3.2	0.33	1.79	0.99	6.99
	190.5	57.15	57.531	46.038	3.6	3.2	440	602	2100	3200	42.5	HH221442/HH221410	110	119	168	179	3.6	3.2	0.33	1.79	0.99	7.18
99.212	171.45	49.213	49.213	38.1	3.6	3.2	295	434	2200	3200	36.6	HM321245/HM321210	110	116	153	162	3.6	3.2	0.34	1.75	0.96	4.45
99.975	144.975	25.4	25.4	19.05	1.6	1.6	125	216	2200	3200	30.1	LM720646/LM720611	107	113	134	140	1.6	1.6	0.46	1.31	0.72	1.34
	156.975	42	42	34	7.9	3.6	245	396	2200	3200	32.4	HM220149/HM220110	112	120	143	150	7.9	3.6	0.33	1.8	0.99	2.9
	210	67	66.675	53.975	3.6	3.2	450	674	2200	3200	47.9	944A/933	111	135	181	193	3.6	3.2	0.33	1.84	1.01	10.9
	212.725	66.675	66.675	53.975	3.6	3.2	513	699	2200	3200	47.6	HH224334/HH224310	111	134	190	201	3.6	3.2	0.33	1.84	1.01	10.9
99.982	190.5	57.15	57.531	46.038	6.4	3.2	440	602	2200	3200	42.5	HH221447/HH221410	117	119	168	179	6.4	3.2	0.33	1.79	0.99	7.06
100	155	36	35	28	3	2.5	191	325	1900	2800	36.8	JM720249/JM720210	118	108	140	150	3	2.5	0.47	1.3	0.7	2.45
	160	41	40	32	3	2.5	239	380	1900	2800	38.2	JHM720249/JHM720210	107	119	144	155	3	2.5	0.47	1.3	0.7	3.07
	161.925	36.513	36.116	26.195	3.6	3.2	180	288	1900	2800	36	52394X/52637	111	114	142	151	3.6	3.2	0.47	1.26	0.69	2.67
	174.625	47.625	48.006	38.1	3.6	3.2	288	438	1800	2700	39.4	783/772A	111	120	156	166	3.6	3.2	0.39	1.56	0.86	4.57
	180.975	47.625	48.006	38.1	3.5	3.3	258	375	1800	2700	39.1	783/772	111	123	160	172	3.5	3.3	0.39	1.6	0.86	4.96
	189.997	57	57.531	48	6	3	353	504	1700	2600	39.8	863X/853	116	120	163	174	6	3	0.33	1.79	0.99	6.94
	190.5	57.15	57.531	44.45	6	3.3	355	500	1700	2600	41.8	863X/854	111	126	168	181	6	3.3	0.33	1.8	0.99	6.81
	200	52.761	49.213	34.925	3.6	3.2	347	471	1700	2600	54.7	98394X/98788	111	123	171	185	3.6	3.2	0.63	0.95	0.52	6.91
	212.725	66.675	66.675	53.975	3.5	3.3	570	810	1700	2600	47.3	HH224334/HH224310	118	133	191	206	3.5	3.3	0.33	1.8	1	11.4
	250.825	76.2	73.025	50.8	6.4	3.2	442	575	1700	2600	72.4	EE215039/215096	117	140	201	225	6.4	3.2	0.7	0.85	0.47	17.3
100.012	157.162	36.512	36.116	26.195	3.5	3.3	191	310	1900	2800	36.1	52393/52618	108	119	142	153	3.5	3.3	0.47	1.3	0.69	2.51
	161.925	39.688	36.116	29.37	3.5	3.3	191	310	1900	2800	39.2	52393/52638	108	119	143	155	3.5	3.3	0.47	1.3	0.69	2.92

Single-row Taper Roller Bearing
(Inch Series)

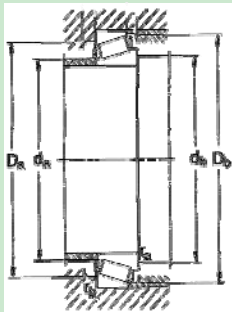
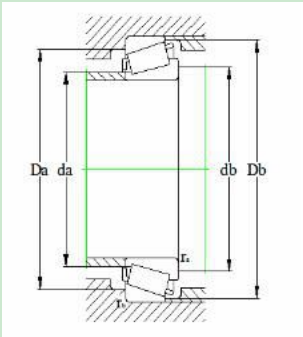
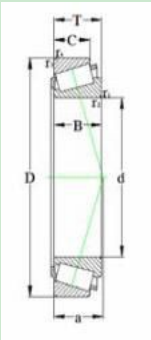
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基本尺寸(mm) Boundary Dimensions							基本额定载荷(kN) Basic Load Ratings		极限转速(rpm) Speed Ratings 脂润滑 油润滑 Grease Oil		作用点 Load Center Spacings a	轴承代号 Bearing Numbers	相关安装尺寸(mm) Abutment and Fillet Dimensions						计算系数 Calculation Factors			质量(kg) Mass 参考 Refer.
d	D	T	B	C	r1.2min	r3.4min	Cr	Cor					d _{amax}	d _{bmin}	D _{amax}	D _{bmin}	r _{amax}	r _{bmax}	e	Y	Y ₀	
100.813	174.625	47.625	47.625	38.1	3.6	3.2	288	438	1900	2800	39.4	789/772A	113	120	156	166	3.6	3.2	0.39	1.56	0.86	4.51
101.6	136.525	21.433	21.433	16.67	1.6	1.6	86	162	1900	2800	24.3	L420449/L420410	110	111	126	130	1.6	1.6	0.37	1.63	0.9	0.852
	146.05	21.433	21.433	16.67	1.6	1.6	86.4	167	1900	2800	26.2	L521945R/L521910	110	119	134	139	1.6	1.6	0.39	1.53	0.84	1.17
	146.05	25.4	25.4	19.05	1.6	1.6	125	216	1900	2800	30.1	LM720648/LM720610	110	113	134	140	1.6	1.6	0.46	1.31	0.72	1.32
	157.162	36.512	36.116	26.195	3.5	3.3	191	310	1900	2800	36.1	52400/52618	109	120	142	153	3.5	3.3	0.47	1.3	0.69	2.45
	161.925	36.512	36.116	26.195	3.5	3.3	191	310	1900	2800	36.1	52400/52637	109	120	144	155	3.5	3.3	0.47	1.3	0.69	2.69
	168.275	41.275	41.275	34.925	3.5	3.3	223	345	1900	2800	38.3	687/672A	109	121	149	162	3.5	3.3	0.47	1.3	0.7	3.49
	168.275	41.275	41.275	30.162	3.5	3.3	223	345	1900	2800	38.3	687/672	109	121	149	161	3.5	3.3	0.47	1.3	0.7	3.39
	174.625	47.625	48.006	38.1	3.6	3.2	288	438	1900	2800	39.4	780/772A	114	120	156	166	3.6	3.2	0.39	1.56	0.86	4.47
	180	48	50.8	40	3.6	3	288	438	1800	2600	39.8	781X/773	114	120	156	167	3.6	3	0.39	1.56	0.86	5.05
	180.975	47.625	48.006	38.1	3.5	3.3	258	375	1800	2600	39.1	780/772	111	124	160	172	3.5	3.3	0.39	1.6	0.86	4.86
	189.997	57	57.531	48	7.9	3	353	504	1800	2600	39.8	861/853	122	120	163	174	7.9	3	0.33	1.79	0.99	6.81
	190.5	57.15	57.531	46.038	8	3.3	390	520	1800	2600	42.3	HH221449/HH221410	113	131	170	183	8	3.3	0.33	1.8	0.99	6.79
	190.5	57.15	57.531	44.45	8	3.3	355	500	1800	2600	41.8	861/854	112	130	168	181	8	3.3	0.33	1.8	0.99	6.68
	200	52.761	49.212	34.925	3.5	3.3	315	425	1800	2600	54.4	98400/98788	114	132	174	191	3.5	3.3	0.63	0.95	0.52	6.81
	200.025	61.912	57.531	50.8	8	3.3	390	520	1800	2600	47	HH221449/HH221416	113	131	174	188	8	3.3	0.33	1.8	0.99	8.29
	212.725	66.675	66.675	53.975	7	3.3	570	810	950	1400	47.3	HH224335/HH224310	119	137	191	206	7	3.3	0.33	1.8	1	11.2
	212.725	66.675	66.675	53.975	7	3.3	475	700	950	1400	46.9	941/932	118	136	187	201	7	3.3	0.33	1.8	1	11.2
	214.313	55.563	52.388	39.688	3.6	3.2	404	578	950	1400	62.3	H924033/H924010	134	114	185	203	3.6	3.2	0.67	0.89	0.49	9.21
	250.825	76.2	73.025	50.8	6.4	6.4	485	635	1500	2000	72.8	EE215040/215098	122	146	207	236	6.4	6.4	0.7	0.86	0.47	17
	250.825	76.2	73.025	50.8	6.4	6.4	530	645	1500	2000	73.3	HH923649/HH923610	118	145	210	238	6.4	6.4	0.7	0.86	0.47	16.8
	250.825	76.2	73.025	50.8	6.4	3.3	530	645	1500	2000	73.3	HH923649/HH923611	118	145	213	238	6.4	3.3	0.7	0.86	0.47	16.8
103.188	168.275	41.275	41.275	30.163	3.6	3.2	224	349	1500	2000	38.7	689/672	115	115	147	156	3.6	3.2	0.47	1.28	0.7	3.27
104.775	174.625	47.625	48.006	38.1	3.6	3.2	288	438	1800	2600	39.4	782/772A	117	120	156	166	3.6	3.2	0.39	1.56	0.86	4.28
	174.625	47.625	48.006	38.1	6.4	3.2	288	438	1800	2600	39.4	786/772A	120	123	156	166	6.4	3.2	0.39	1.56	0.86	4.27
	174.625	47.625	48.006	38.1	7.1	3.2	288	438	1800	2600	39.4	787/772A	120	124	156	166	7.1	3.2	0.39	1.56	0.86	4.26
	180.975	47.625	48.006	38.1	3.5	3.3	258	375	1800	2600	39.1	782/772	113	125	160	172	3.5	3.3	0.39	1.6	0.86	4.67

Single-row Taper Roller Bearing
(Inch Series)

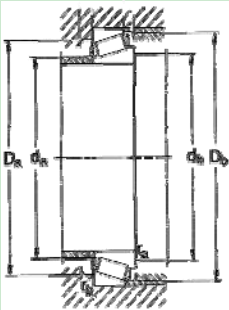
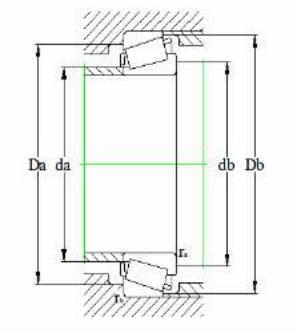
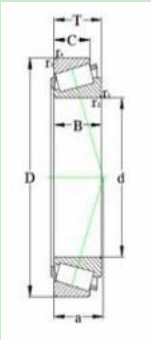
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基本尺寸(mm) Boundary Dimensions							基本额定载荷(kN) Basic Load Ratings		极限转速(rpm) Speed Ratings 脂润滑 油润滑 Grease Oil		作用点 Load Center Spacings a	轴承代号 Bearing Numbers	相关安装尺寸(mm) Abutment and Fillet Dimensions						计算系数 Calculation Factors			质量(kg) Mass 参考 Refer.
d	D	T	B	C	r1.2min	r3.4min	Cr	Cor					d _{amax}	d _{bmin}	D _{amax}	D _{bmin}	r _{amax}	r _{bmax}	e	Y	Y ₀	
104.775	180.975	47.625	48.006	38.1	6.4	3.3	258	375	1800	2600	39.1	786/772	113	128	160	172	6.4	3.3	0.39	1.6	0.86	4.65
	180.975	47.625	48.006	38.1	7	3.3	258	375	1800	2600	39.1	787/772	113	129	160	172	7	3.3	0.39	1.6	0.86	4.65
	190.5	47.625	49.212	34.925	3.5	3.3	296	465	1800	2600	40.1	71412/71750	119	131	171	183	3.5	3.3	0.42	1.4	0.79	5.71
	165.1	36.513	36.513	26.988	3.6	3.2	184	300	1900	2800	38.5	56413/56650	117	120	148	157	3.6	3.2	0.5	1.21	0.66	2.71
	177.8	41.275	41.275	30.162	3.6	3.2	227	365	1900	2800	42.8	64413/64700	117	127	160	170	3.6	3.2	0.52	1.16	0.64	3.99
106.362	165.1	36.512	36.512	26.988	3.5	3.3	195	320	1900	2800	38.6	56418/56650	114	126	148	160	3.5	3.3	0.5	1.2	0.66	2.73
	168.275	36.513	36.512	26.988	3.5	3.3	195	320	1900	2800	38.6	56418/56662	114	126	150	161	3.5	3.3	0.5	1.2	0.66	2.91
107.95	146.05	21.432	21.432	16.67	1.6	1.6	86.4	167	1900	2800	26.2	L521949R/L521910	116	119	134	139	1.6	1.6	0.39	1.53	0.84	0.99
	158.75	23.02	21.438	15.875	3.5	3.3	102	165	1900	2800	37	37425/37625	115	124	143	152	3.5	3.3	0.61	0.99	0.54	1.37
	159.987	34.925	34.925	26.988	3.5	3.3	164	315	1900	2800	33.7	LM522546/LM522510	117	126	145	154	3.5	3.3	0.4	1.5	0.82	2.43
	161.925	34.925	34.925	26.988	3.5	3.3	164	280	1900	2800	38.7	48190/48120	115	126	145	157	3.5	3.3	0.51	1.2	0.65	2.42
	165.1	36.512	36.512	26.988	3.5	3.3	195	320	1900	2800	38.6	56425/56650	115	127	148	160	3.5	3.3	0.5	1.2	0.66	2.66
	168.275	36.512	36.512	26.988	3.5	3.3	195	320	1900	2800	38.6	56425/56662	115	127	150	161	3.5	3.3	0.5	1.2	0.66	2.83
	171.45	34	30.163	25.268	3.6	3.2	177	254	1800	2600	39.3	67425/67675	120	124	153	161	3.6	3.2	0.47	1.27	0.7	2.63
	190.5	47.625	49.212	34.925	3.5	3.3	296	465	1700	2400	40.1	71425/71750	121	133	171	183	3.5	3.3	0.42	1.4	0.79	5.5
	191.975	47.625	49.213	34.925	3.6	3.2	303	483	1700	2400	40.9	71425/71753	120	131	168	177	3.6	3.2	0.42	1.44	0.79	5.58
	206.375	66.675	66.675	53.975	13.5	3.2	450	674	1700	2400	47.6	935/930	135	140	181	193	13.5	3.2	0.33	1.84	1.01	9.62
	206.375	66.675	66.675	53.975	7.9	3.2	450	674	1700	2400	47.6	936/930	129	135	181	193	7.9	3.2	0.33	1.84	1.01	9.69
	212.725	66.675	66.675	53.975	8	3.3	570	810	1700	2400	47.3	HH224340/HH224310	122	142	191	206	8	3.3	0.33	1.8	1	10.6
	212.725	66.675	66.675	53.975	8	3.3	475	700	1700	2400	46.9	936/932	121	140	187	201	8	3.3	0.33	1.8	1	10.7
109.538	158.75	23.02	21.438	15.875	6.4	6.4	104	169	1900	2800	36.5	37431/37625	120	122	142	148	6.4	6.4	0.61	0.99	0.54	1.33
109.9	212.725	66.675	74	53.975	SP	3.2	450	674	1800	2600	47.6	937XA/932	115	135	181	193	SP	3.2	0.33	1.84	1.01	10.7
109.952	190.5	47.625	49.212	34.925	3.5	3.3	296	465	1800	2600	40.1	71432/71750	122	134	171	183	3.5	3.3	0.42	1.4	0.79	5.37
	199.975	50	49.213	36.8	3.6	4	303	483	1800	2600	43.3	71432/71788	122	131	167	177	3.6	4	0.42	1.44	0.79	6.3
109.974	177.8	41.275	41.275	30.162	3.5	3.3	251	415	1800	2600	42	64432/64700	123	126	164	171	3	3	0.52	1.15	0.6	3.7
	180	41.275	41.275	30.162	3.5	3.3	251	415	1800	2600	42	64432/64708	123	126	166	171	3	3	0.52	1.15	0.6	3.9

Single-row Taper Roller Bearing
(Inch Series)

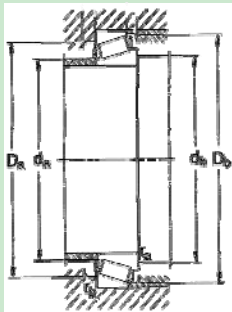
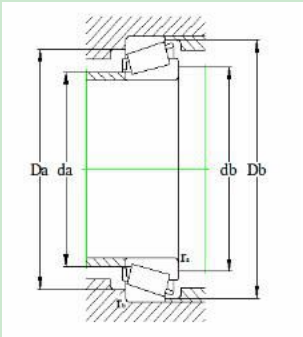
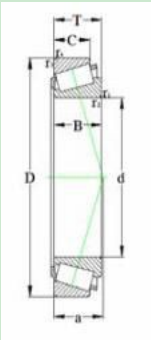
WSW



基本尺寸(mm) Boundary Dimensions							基本额定载荷(kN) Basic Load Ratings		极限转速(rpm) Speed Ratings 脂润滑 油润滑 Grease Oil		作用点 Load Center Spacings a	轴承代号 Bearing Numbers	相关安装尺寸(mm) Abutment and Fillet Dimensions						计算系数 Calculation Factors			质量(kg) Mass 参考 Refer.
d	D	T	B	C	r1.2min	r3.4min	Cr	Cor					d _{amax}	d _{bmin}	D _{amax}	D _{bmin}	r _{amax}	r _{bmax}	e	Y	Y ₀	
109.985	214.313	55.563	52.388	39.688	3.6	3.2	404	578	1800	2600	62.3	H924043/H924010	122	134	185	203	3.6	3.2	0.67	0.89	0.49	8.65
	159.987	34.925	34.925	26.988	8	3.3	164	315	1900	2800	33.7	LM522548/LM522510	118	132	145	154	8	3.3	0.4	1.5	0.82	2.31
	159.987	34.925	34.925	26.988	3.5	3.3	164	315	1900	2800	33.7	LM522549/LM522510	118	127	145	154	3.5	3.3	0.4	1.5	0.82	2.33
	164.737	37.313	34.925	32.131	3.6	2.4	184	319	1800	2600	35.3	LM522549/LM522518	121	122	146	155	3.6	2.4	0.4	1.5	0.82	2.62
109.992	177.8	41.275	41.275	30.162	3.5	3.3	232	375	1800	2600	42.4	64433/64700	119	132	160	173	3.5	3.3	0.52	1.2	0.64	3.75
	178	41.275	41.275	30.163	3.6	3	227	365	1800	2600	42.8	64433/64701X	122	127	160	170	3.6	3	0.52	1.16	0.64	3.73
	180	41.275	41.275	30.162	3.5	3.3	232	375	1800	2600	42.4	64433/64708	123	126	166	171	3	3	0.52	1.15	0.6	3.9
110	165	35	35	26.5	3	2.5	195	320	1800	2600	38.1	JM822049/JM822010	116	127	149	160	3	2.5	0.5	1.2	0.66	2.48
	180	47	46	38	3	2.5	310	490	1800	2600	40.9	JHM522649/JHM522610	118	131	162	174	3	2.5	0.41	1.5	0.81	4.62
	186.975	45	49.213	35.001	3.6	5.2	303	483	1800	2600	38.3	71433X/71736	122	131	169	179	3.6	5.2	0.42	1.44	0.79	4.92
	206.35	66.675	66.675	53.975	6.4	3.2	450	674	1800	2600	47.6	942/930	128	135	181	193	6.4	3.2	0.33	1.84	1.01	9.53
	212.725	66.675	66.675	53.975	6.4	3.2	450	674	1800	2600	47.6	942/932	128	135	181	193	6.4	3.2	0.33	1.84	1.01	10.4
110.333	171.45	34	30.163	25.268	3.6	3.2	177	254	1800	2600	39.3	67434/67675	123	124	153	161	3.6	3.2	0.47	1.27	0.7	2.53
111.125	171.45	34	30.163	25.268	3.6	3.2	177	254	1800	2600	39.3	67437/67675	123	124	153	161	3.6	3.2	0.47	1.27	0.7	2.5
	180.975	41.275	41.275	30.163	3.6	3.2	227	365	1800	2600	42.8	64437/64713	123	127	160	170	3.6	3.2	0.52	1.16	0.64	3.86
	186.975	45	49.212	35.001	3.6	3.2	303	483	1800	2600	38.3	71437/71736	123	131	169	179	3.6	5.2	0.42	1.44	0.79	4.85
	190.5	47.625	49.212	34.925	3.5	3.3	296	465	1800	2600	40.1	71437/71750	122	135	171	183	3.5	3.3	0.42	1.4	0.79	5.29
	214.312	55.562	52.388	39.688	3.5	3.3	355	490	1800	2600	62.4	H924045/H924010	124	143	187	206	3.5	3.3	0.67	0.89	0.49	8.32
111.917	206.375	66.675	66.675	53.975	13.5	3.2	450	674	1800	2600	47.6	947/930	135	144	181	193	13.5	3.2	0.33	1.84	1.01	9.26
114.3	152.4	21.433	21.433	16.67	1.5	1.5	89.5	178	1800	2600	27.4	L623149/L623110	121	127	142	148	1.5	1.5	0.41	1.5	0.8	1.07
	155.575	21.433	21.433	21.433	1.6	1.6	96.4	197	1800	2600	27.7	L623149/L623114	123	125	142	148.1	1.6		0.41	1.45	0.8	1.24
	177.8	41.275	41.275	30.162	3.5	3.3	232	375	1800	2600	42.4	64450/64700	122	135	160	173	3.5	3.3	0.52	1.2	0.64	3.5
	178	41.275	41.275	30.163	3.6	3	227	365	1800	2600	42.8	64450/64701X	127	127	160	170	3.6	3	0.52	1.16	0.64	3.49
	179.975	34.925	31.75	25.4	3.6	0.8	171	247	1800	2600	40.7	68450/68709	127	131	161	169	3.6	0.8	0.5	1.21	0.66	2.87
	179.975	34.925	31.75	25.4	3.6	0.8	171	247	1800	2600	40.7	68450A/68709	127	131	161	169	3.6	0.8	0.5	1.21	0.66	2.87
	180	41.275	41.275	30.162	3.5	3.3	232	375	1800	2600	42.4	64450/64708	122	135	166	171	3.5	3.3	0.52	1.2	0.64	3.8
	180	34.925	31.75	25.4	3.5	0.8	174	254	1800	2600	40	68450/68709	124	134	165	173	3.5	0.8	0.5	1.2	0.66	2.95

Single-row Taper Roller Bearing
(Inch Series)

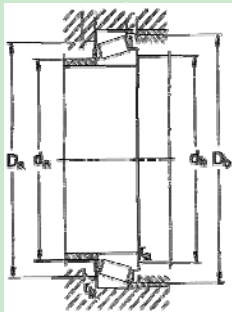
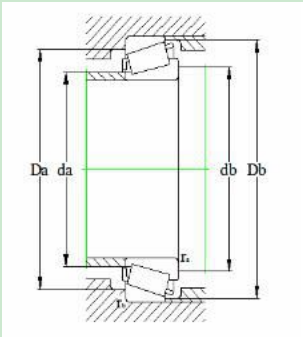
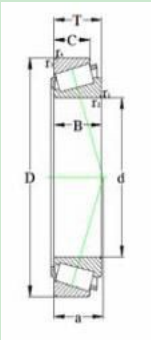
WSW



基本尺寸(mm) Boundary Dimensions							基本额定载荷(kN) Basic Load Ratings		极限转速(rpm) Speed Ratings 脂润滑 油润滑 Grease Oil		作用点 Load Center Spacings a	轴承代号 Bearing Numbers	相关安装尺寸(mm) Abutment and Fillet Dimensions						计算系数 Calculation Factors			质量(kg) Mass 参考 Refer.
d	D	T	B	C	r1.2min	r3.4min	Cr	Cor					d _{amax}	d _{bmin}	D _{amax}	D _{bmin}	r _{amax}	r _{bmax}	e	Y	Y ₀	
114.3	180.975	34.925	31.75	25.4	3.5	3.3	174	254	1800	2600	40	68450/68712	124	134	163	174	3.5	3.3	0.5	1.2	0.66	2.93
	186.975	45	49.212	35.001	3.6	5.2	303	483	1800	2600	38.3	71450/71736	127	131	169	179	3.6	5.2	0.42	1.44	0.79	4.64
	186.975	45	49.212	35.001	3.6	5.2	303	483	1800	2600	38.3	71451/71736	127	131	169	179	3.6	5.2	0.42	1.44	0.79	4.64
	190.5	47.625	49.212	34.925	3.5	3.3	296	465	1700	2400	40.1	71450/71750	124	135	171	183	3.5	3.3	0.42	1.4	0.79	5.07
	192	47.625	49.212	34.925	3.5	3.3	296	465	1700	2400	40	71450/71753	124	136	178	178	3	3	0.42	1.4	0.79	5.4
	206.375	66.675	66.675	53.975	7.1	3.2	450	674	1700	2400	47.6	938/930	134	135	181	193	7.1	3.2	0.33	1.84	1.01	9.13
	212.725	66.675	66.675	53.975	7	3.3	570	810	1700	2400	47.3	HH224346/HH224310	125	144	191	206	7	3.3	0.33	1.8	1	10.1
	212.725	66.675	66.675	53.975	7	3.3	475	700	1700	2400	46.9	938/932	124	142	187	201	7	3.3	0.33	1.8	1	10.1
	212.725	66.675	66.675	53.975	7	3.3	512	765	1700	2400	47	HH224346/HH224310	132	136	201	202	6	3	0.33	1.8	1	10.5
	228.6	53.975	49.428	38.1	3.5	3.3	375	530	1300	1800	67.7	HM926740/HM926710	133	152	201	223	3.5	3.3	0.74	0.81	0.45	9.52
	228.6	53.975	49.428	38.1	3.5	3.3	330	475	1300	1800	67.5	97450/97900	131	151	198	219	3.5	3.3	0.74	0.82	0.45	9.52
	273.05	82.55	82.55	53.975	6.4	6.4	685	870	1200	2000	77	HH926744/HH926710	134	162	234	261	6.4	6.4	0.63	0.95	0.52	21.8
	279.4	82.55	82.55	53.975	6.4	6.4	660	909	1200	2000	77.8	EE514045/514110	132	159	228	252	6.4	6.4	0.65	0.92	0.51	24.2
	279.4	82.55	82.55	53.975	6.4	6.4	685	870	1200	2000	77	HH926744/HH926716	134	162	237	264	6.4	6.4	0.63	0.95	0.52	23
114.976	177.8	41.275	41.275	30.162	3.6	3.2	227	365	1800	2600	42.8	64452/64700	127	127	160	170	3.6	3.2	0.52	1.16	0.64	3.43
	177.8	41.275	41.275	30.162	9	3.3	251	415	1800	2600	42	64452A/64700	126	135	164	171	8	3	0.52	1.15	0.6	3.55
	180	41.275	41.275	30.162	9	3.3	251	415	1800	2600	42	64452A/64708	126	135	166	171	8	3	0.52	1.15	0.6	3.75
	212.725	66.675	66.675	53.975	7	3.3	570	810	1100	1600	47.3	HH224349/HH224310	125	144	191	206	7	3.3	0.33	1.8	1	10
115	177.8	41.275	41.275	30.162	3.5	3.3	232	375	1800	2600	42.4	64452/64700	122	135	160	173	3.5	3.3	0.52	1.2	0.64	3.46
115.087	186.975	45	49.212	35.001	3.6	5.2	303	483	1800	2600	38.3	71453/71736	127	131	169	179	3.6	5.2	0.42	1.44	0.79	4.58
	186.975	45	49.212	35.001	7.9	5.2	303	483	1800	2600	38.3	71455/71736	131	136	169	179	7.9	5.2	0.42	1.44	0.79	4.55
	190.5	47.625	49.212	34.925	3.5	3.3	296	465	1800	2600	40.1	71453/71750	124	137	171	183	3.5	3.3	0.42	1.4	0.79	5.02
	190.5	47.625	49.212	34.925	7.9	3.2	303	483	1800	2600	40.9	71455/71750	131	136	168	177	7.9	3.2	0.42	1.44	0.79	4.97
117.373	195.263	53.975	57.15	44.45	1.6	3.2	365	599	1800	2600	35.9	HM124644/HM124618	126	136	173	181	1.6	3.2	0.26	2.27	1.25	6.36
117.475	179.975	34.925	31.75	25.4	3.6	0.8	171	247	1800	2600	40.7	68462/68709	130	131	161	169	3.6	0.8	0.5	1.21	0.66	2.73
	179.975	34.925	31.75	25.4	7.9	0.8	171	247	1800	2600	40.7	68463/68709	131	138	161	169	7.9	0.8	0.5	1.21	0.66	2.7
	180.975	34.925	31.75	25.4	3.5	3.3	174	254	1800	2600	40	68462/68712	125	135	163	174	3.5	3.3	0.5	1.2	0.66	2.78

Single-row Taper Roller Bearing
(Inch Series)

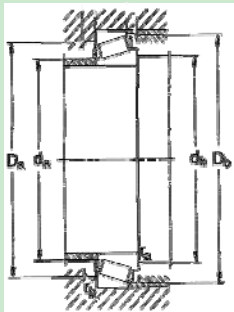
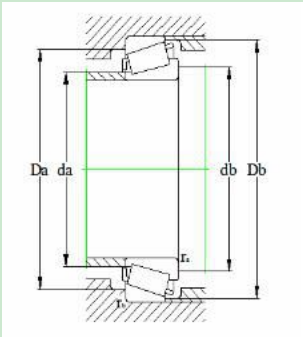
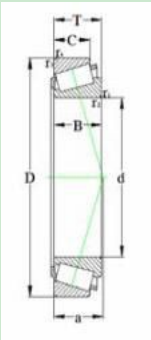
WSW



基本尺寸(mm) Boundary Dimensions							基本额定载荷(kN) Basic Load Ratings		极限转速(rpm) Speed Ratings 脂润滑 油润滑 Grease Oil		作用点 Load Center Spacings a	轴承代号 Bearing Numbers	相关安装尺寸(mm) Abutment and Fillet Dimensions						计算系数 Calculation Factors			质量(kg) Mass 参考 Refer.
d	D	T	B	C	r1.2min	r3.4min	Cr	Cor					d _{amax}	d _{bmin}	D _{amax}	D _{bmin}	r _{amax}	r _{bmax}	e	Y	Y ₀	
117.975	186.975	42.376	45	35.001	5.2	5.2	303	483	1800	2600	38.4	71464/71736	131	133	169	179	5.2	5.2	0.42	1.44	0.79	4.2
119.063	195.263	53.975	57.15	44.45	1.6	3.2	365	599	1700	2500	35.9	HM124646/HM124618	127	136	173	181	9.5	1.6	0.26	2.27	1.25	6.22
119.949	195.263	53.975	57.15	44.45	3	3.2	365	599	1700	2500	35.9	HM124649/HM124618	131	136	173	181	9.5	3	0.26	2.27	1.25	6.14
	204.775	55.563	60.325	45.237	3.2	3.2	412	658	1700	2500	41.1	HM125943/HM125910	131	142	183	192	10.3	3.2	0.3	1.97	1.08	7.48
119.95	230	63.5	68.715	49.213	6.4	3.2	523	826	1700	2500	49.9	95471/95905	138	155	204	216	14.3	6.4	0.37	1.62	0.89	12
119.964	215	47.625	47.625	34.925	3.5	3.3	287	495	1700	2500	48.4	74472/74846X	140	153	195	208	3.5	3.3	0.49	1.2	0.68	7.33
	215.9	47.625	47.625	34.925	3.5	3.3	287	495	1700	2500	48.4	74472/74850	140	153	195	209	3.5	3.3	0.49	1.2	0.68	7.42
119.975	166.688	25.4	25.4	19.05	3.2	3.2	137	229	1700	2500	32.9	L724348/L724310	130	131	154	160	3.2	3.2	0.46	1.31	0.72	1.57
	172.242	35.72	36.513	27.783	3.6	1.6	208	362	1700	2500	32.1	M224748/M224711	132	133	159	166	3.6	1.6	0.33	1.8	0.99	2.58
	179.975	36	36	26	3.6	1.6	212	348	1700	2500	35.6	M624649/M624610	132	134	164	171	3.6	1.6	0.41	1.45	0.8	3.02
	254	77.788	82.55	61.913	4	6.4	717	1050	1700	2500	54	HH228336/HH228310	133	158	220	233	4	6.4	0.32	1.87	1.03	18.7
	259.975	77.788	82.55	61.913	4	4	717	1050	1800	2600	54	HH228336/HH228318	133	158	220	233	4	4	0.32	1.87	1.03	19.9
120	170	25.4	25.4	19.05	3.3	3.3	130	219	1800	2600	32.9	JL724348/JL724314	127	135	155	164	3.3	3.3	0.46	1.3	0.72	1.67
	174.625	35.72	36.512	27.783	3.5	1.5	212	385	1800	2600	32.2	M224748/M224710	126	137	162	169	3.5	1.5	0.33	1.8	0.99	2.76
	214.975	47.625	47.625	34.925	4	3.2	322	549	1800	2600	49.7	74473X/74845	133	156	193	205	4	3.2	0.49	1.23	0.68	7.24
	230	53.975	49.428	38.1	3.5	3.3	330	475	1800	2600	67.6	97472X/97905X	134	154	199	220	3.5	3.3	0.74	0.82	0.45	9.27
120.65	160.338	21.433	21.433	16.67	1.5	1.5	92.5	190	1800	2600	29.3	L624549/L624510	127	133	150	155	1.5	1.5	0.44	1.4	0.76	1.18
	166.688	25.4	25.4	19.05	3.2	3.2	137	229	1800	2600	32.9	L724349/L724310	130	132	154	160	3.2	3.2	0.46	1.31	0.72	1.54
	169.862	25.4	26.195	20.638	1.5	1.5	132	265	1800	2600	28	L225842/L225810	129	138	160	162	1	1	0.33	1.8	1	1.85
	169.975	25.4	25.4	19.05	3.2	3.2	137	229	1800	2600	32.9	L724349/L724314	130	130	154	160	3.2	3.2	0.46	1.31	0.72	1.67
	174.625	35.72	36.513	27.783	3.6	1.6	208	362	1800	2600	32.1	M224749/M224710	133	133	159	166	3.6	1.6	0.33	1.8	0.99	2.69
	182.562	39.688	38.1	33.338	3.5	3.3	228	445	1700	2400	34.2	48282/48220	132	132	167	177	3.5	3.3	0.31	2	1.1	3.69
	182.562	39.688	38.1	33.338	3.6	3.2	227	429	1700	2400	34.1	48282/48220XX	133	141	166	173	3.6	3.2	0.31	1.97	1.08	3.6
	190.5	46.038	46.038	34.925	3.5	1.5	314	540	1700	2400	42	HM624749/HM624710	131	135	180	182	3	1	0.43	1.4	0.8	4.85
	199.974	46.038	46.038	34.925	3.6	1.6	313	512	1700	2400	41.6	HM624749/HM624716	133	135	172	182	3.6	1.6	0.43	1.41	0.77	5.43
	206.375	47.625	47.625	34.925	3.3	3.3	320	530	1700	2400	45.7	795/792	149	134	186	199	3.3	3.3	0.46	1.3	0.72	6.35

Single-row Taper Roller Bearing
(Inch Series)

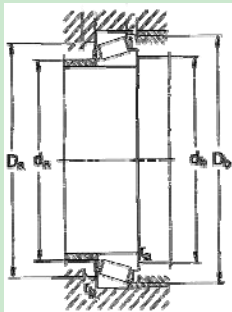
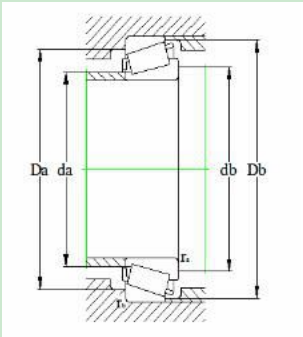
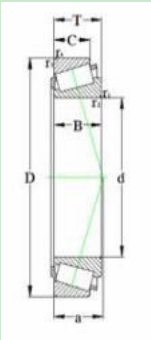
WSW



基本尺寸(mm) Boundary Dimensions							基本额定载荷(kN) Basic Load Ratings		极限转速(rpm) Speed Ratings 脂润滑 油润滑 Grease Oil		作用点 Load Center Spacings a	轴承代号 Bearing Numbers	相关安装尺寸(mm) Abutment and Fillet Dimensions						计算系数 Calculation Factors			质量(kg) Mass 参考 Refer.
d	D	T	B	C	r1.2min	r3.4min	Cr	Cor					dmax	dbmin	Dmax	Dbmin	ramax	rdbmax	e	Y	Y0	
120.65	230	63.5	63.5	49.213	6.4	3.2	523	826	1600	2300	49.9	95475/95905	139	155	204	216	6.4	3.2	0.37	1.62	0.89	11.6
	234.95	63.5	63.5	49.212	6.4	3.3	510	790	1600	2300	50.5	95475/95925	159	140	212	226	6.4	3.3	0.37	1.6	0.89	12.3
	254	77.788	82.55	57.15	9.5	6.4	692	1010	1400	1900	51.1	EE153044/153100	145	156	217	230	9.5	6.4	0.32	1.87	1.03	18.4
	254	77.788	82.55	61.913	9.7	6.4	675	975	1400	1900	55	HH228340/HH228310	163	140	223	242	9.7	6.4	0.34	1.8	0.97	18.4
	258.763	77.788	82.55	61.912	9.5	6.4	717	1050	1400	1900	54	HH228340/HH228315	145	158	220	233	9.5	6.4	0.32	1.87	1.03	19.5
	273.05	82.55	82.55	53.975	6.4	6.4	685	870	1300	1800	77	HH926749/HH926710	165	137	234	261	6.4	6.4	0.63	0.95	0.52	21
	279.4	82.55	82.55	53.975	6.4	6.4	685	870	1300	1800	77	HH926749/HH926716	165	137	237	264	6.4	6.4	0.63	0.95	0.52	22.2
	182.562	39.688	38.1	33.338	3.5	3.3	228	445	1300	1800	34.2	48286/48220	143	134	167	177	3.5	3.3	0.31	2	1.1	3.51
	212.725	55.563	60.325	45.237	3.2	3.2	412	658	1300	1800	41.1	HM125948/HM125918	135	142	183	192	3.2	3.2	0.3	1.97	1.08	8.05
	258.763	77.788	82.55	57.15	9.5	6.4	692	1010	1200	1700	51.1	EE153049/153101	148	156	217	230	9.5	6.4	0.32	1.87	1.03	18.8
123.825	259.975	77.788	82.55	61.913	9.5	4	717	1050	1200	1700	54	HH228334/HH228318	148	158	220	233	9.5	4	0.32	1.87	1.03	19.4
	231.775	63.5	63.5	49.213	6.4	3.2	523	826	1200	1700	49.9	95491/95912	143	155	204	216	6.4	3.2	0.37	1.62	0.89	11.5
124.943	234.95	63.5	63.5	49.212	6.4	3.3	510	790	1200	1700	50.5	95491/95925	162	142	212	226	6.4	3.3	0.37	1.6	0.89	11.9
	175	25.4	25.4	18.288	3.3	3.3	134	232	1200	1700	34.3	JL725346/JL725316	141	131	160	170	3.3	3.3	0.48	1.3	0.69	1.76
125.298	228.6	53.975	49.428	38.1	3.5	3.3	375	530	1800	2600	67.7	HM926745/HM926710	157	138	201	223	3.5	3.3	0.74	0.81	0.45	8.72
	228.6	53.975	49.428	38.1	3.6	3.2	325	459	1800	2600	65.6	97493/97900	138	144	194	212	3.6	3.2	0.74	0.81	0.45	8.37
127	165.895	18.258	17.462	13.495	1.5	1.5	84.5	149	1800	2600	24.2	LL225749/LL225710	138	133	157	161	1.5	1.5	0.33	1.8	0.99	0.93
	169.862	25.4	26.195	20.638	1.5	1.5	123	251	1800	2600	28.1	L225849/L225810	140	134	159	165	1.5	1.5	0.33	1.8	0.99	1.65
	180.975	25.4	26.195	20.638	1.5	1.5	123	251	1700	2400	28.1	L225849/L225818	140	134	165	170	1.5	1.5	0.33	1.8	0.99	2.14
	182.562	39.688	38.1	33.338	3.5	3.3	228	445	1700	2400	34.2	48290/48220	145	135	167	177	3.5	3.3	0.31	2	1.1	3.33
	196.85	46.038	46.038	38.1	3.5	3.3	315	560	1600	2200	39.7	67388/67322	150	139	180	192	3.5	3.3	0.34	1.7	0.96	5.2
	203.2	46.038	46.038	38.1	3.5	3.3	315	560	1600	2200	39.7	67388/67320	150	139	183	195	3.5	3.3	0.34	1.7	0.96	5.8
	206.375	47.625	47.625	34.925	3.6	3.2	326	548	1600	2200	45.7	796x/793	139	146	183	194	3.6	3.2	0.46	1.31	0.72	5.93
	206.375	47.625	50.013	34.925	3.2	3.2	326	548	1600	2200	45.7	798/792	138	146	183	194	3.3	3.2	0.46	1.31	0.72	6
	215.9	47.625	47.625	34.925	3.5	3.3	287	495	1500	2000	48.4	74500/74850	157	143	195	209	3.5	3.3	0.49	1.2	0.68	6.91
	217.488	47.625	47.625	34.925	3.5	3.3	287	495	1500	2000	48.4	74500/74856	157	143	196	210	3.5	3.3	0.49	1.2	0.68	7.06

Single-row Taper Roller Bearing
(Inch Series)

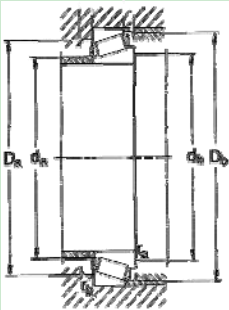
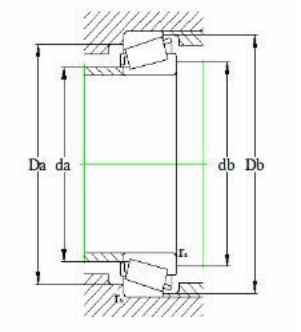
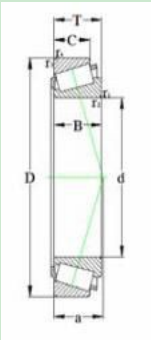
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基本尺寸(mm) Boundary Dimensions							基本额定载荷(kN) Basic Load Ratings		极限转速(rpm) Speed Ratings 脂润滑 油润滑 Grease Oil		作用点 Load Center Spacings a	轴承代号 Bearing Numbers	相关安装尺寸(mm) Abutment and Fillet Dimensions						计算系数 Calculation Factors			质量(kg) Mass 参考 Refer.
d	D	T	B	C	r1.2min	r3.4min	Cr	Cor					d _{max}	d _{bmin}	D _{max}	D _{bmin}	r _{max}	r _{bmax}	e	Y	Y ₀	
127	228.6	53.975	49.428	38.1	3.5	3.3	375	530	1500	2000	67.7	HM926747/HM926710	158	139	201	223	3.5	3.3	0.74	0.81	0.45	8.59
	228.6	53.975	49.428	38.1	3.5	3.3	330	475	1500	2000	67.5	97500/97900	157	137	198	219	3.5	3.3	0.74	0.82	0.45	8.59
	234.95	63.5	63.5	49.212	6.4	3.3	505	790	1500	2000	49.4	95500/95925	160	142	210	224	6.4	3.3	0.37	1.6	0.89	11.8
	234.95	63.5	68.715	49.212	9.7	3.3	505	790	1500	2000	49.5	95502/95925	166	143	210	224	9.7	3.3	0.37	1.6	0.89	12
	239.975	53.975	49.428	38.1	3.6	3.2	430	651	1500	2000	68.1	HM926747/HM926719	139	148	200	219	3.6	3.2	0.74	0.81	0.45	10.3
	247.65	63.5	63.5	47.625	3.3	4.8	465	640	1500	2000	50.1	EE116050/116097	158	143	219	234	3.3	4.8	0.37	1.6	0.9	12.6
	247.65	63.5	63.5	49.212	6.4	3.3	510	790	1500	2000	50.5	95500/95975	163	143	218	233	6.4	3.3	0.37	1.6	0.89	13.5
	254	66.675	66.675	47.625	6.4	3.2	549	913	1400	1900	55	99500/99100	145	174	224	236	6.4	3.2	0.41	1.47	0.81	15.5
	254	77.788	82.55	57.15	9.7	6.4	570	800	1400	1900	53.7	EE153050/153100	167	144	223	240	9.7	6.4	0.32	1.9	1	16.6
	254	77.788	82.55	61.913	9.7	6.4	675	975	1400	1900	55	HH228349/HH228310	166	143	223	242	9.7	6.4	0.34	1.8	0.97	17.6
	254	80.963	85.725	61.912	9.5	6.4	717	1050	1400	1900	54.1	HH228348/HH228310	151	158	220	233	9.5	6.4	0.32	1.87	1.03	18.1
	260.35	77.788	82.55	57.15	9.5	6.4	692	1010	1400	1900	51.1	EE153050/153102	151	156	217	230	9.5	6.4	0.32	1.87	1.03	18.7
	279.4	82.55	82.55	53.975	6.4	6.4	660	909	1400	1900	77.8	EE514050/514110	145	159	228	252	6.4	6.4	0.65	0.92	0.51	22.6
	288.925	82.55	87.312	57.15	13.5	6.4	770	1010	1500	2000	56.3	HH231637/HH231610	179	151	258	275	13.5	6.4	0.32	1.9	1	24.3
	295.275	82.55	87.313	57.15	13.5	6.4	765	1070	1500	2000	61.9	EE540502/541162	159	178	249	264	13.5	6.4	0.4	1.51	0.83	27.1
	295.275	82.55	87.312	57.15	13.5	6.4	770	1010	1500	2000	56.3	HH231637/HH231615	179	151	261	278	13.5	6.4	0.32	1.9	1	25.6
	304.8	60.325	61.912	41.275	6.4	6.4	635	780	1500	2000	49.2	EE750502/751200	174	158	271	285	6.4	6.4	0.33	1.8	0.99	21.4
	304.8	88.9	82.55	57.15	6.4	6.4	652	896	1500	2000	91.9	EE516050/516120	145	179	252	280	6.4	6.4	0.73	0.82	0.45	29.2
	304.8	88.9	82.55	57.15	6.4	6.4	745	1010	1500	2000	92.3	HH932132/HH932110	185	154	262	295	6.4	6.4	0.73	0.82	0.45	29.6
127.792	228.6	53.975	49.428	38.1	3.5	3.3	375	530	1600	2100	67.7	HM926749/HM926710	158	139	201	223	3.5	3.3	0.74	0.81	0.45	8.53
	228.6	53.975	49.428	38.1	3.6	3.2	325	459	1600	2100	65.6	97503/97900	140	144	194	212	3.6	3.2	0.74	0.81	0.45	8.18
128.588	190.5	34.925	31.75	25.4	3.5	3.3	176	325	1700	2200	50.3	48506/48750	150	137	171	184	3.5	3.3	0.65	0.92	0.51	3.24
	206.375	47.625	47.625	34.925	3.3	3.3	320	530	1700	2200	45.7	799/792	153	138	186	199	3.3	3.3	0.46	1.3	0.72	5.77
129.967	234.95	63.5	68.715	49.213	3.2	3.2	523	826	1700	2200	49.9	95514X/95926	141	155	204	216	3.2	3.2	0.37	1.62	0.89	11.6
129.975	234.95	63.5	63.5	49.213	6.4	3.2	523	826	1700	2200	49.9	95512/95925	148	155	204	216	6.4	3.2	0.37	1.62	0.89	11.4
130	206.375	47.625	47.625	34.925	3.5	3.3	320	530	1700	2200	45.7	797/792	153	139	186	199	3.5	3.3	0.46	1.3	0.72	5.66
	215.9	47.625	47.625	34.925	3.6	3.2	322	549	1700	2200	49.7	74511X/74854	142	156	193	205	3.6	3.2	0.49	1.23	0.68	6.6

Single-row Taper Roller Bearing
(Inch Series)

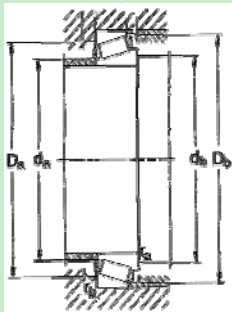
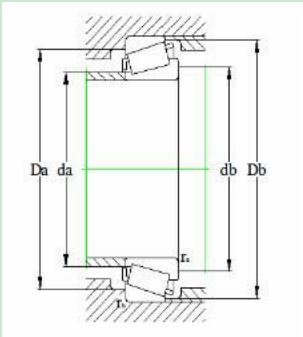
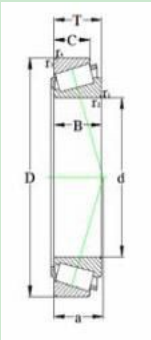
WSW



基本尺寸(mm) Boundary Dimensions							基本额定载荷(kN) Basic Load Ratings		极限转速(rpm) Speed Ratings 脂润滑 油润滑 Grease Oil		作用点 Load Center Spacings a	轴承代号 Bearing Numbers	相关安装尺寸(mm) Abutment and Fillet Dimensions							计算系数 Calculation Factors			质量(kg) Mass 参考 Refer.
d	D	T	B	C	r1.2min	r3.4min	Cr	Cor					d _{max}	d _{bmin}	D _{max}	D _{bmin}	r _{max}	r _{bmax}		e	Y	Y ₀	
130.175	196.85	46.038	46.038	38.1	3.5	3.3	315	560	1700	2200	39.7	67389/67322	152	140	180	192	3.5	3.3		0.34	1.7	0.96	4.97
	203.2	46.038	46.038	38.1	3.5	3.3	315	560	1700	2300	39.7	67389/67320	152	140	183	195	3.5	3.3		0.34	1.7	0.96	5.57
	206.375	47.625	47.625	34.925	3.5	3.3	320	530	1700	2300	45.7	799A/792	154	139	186	199	3.5	3.3		0.46	1.3	0.72	5.65
133.248	190.5	39.688	39.688	33.338	3.6	3.2	236	472	1700	2300	35.9	48384XX/48320XX	145	150	175	182	3.6	3.2		0.32	1.87	1.03	3.58
133.35	177.008	25.4	26.195	20.638	1.5	1.5	124	258	1700	2300	29.5	L327249/L327210	147	141	166	172	1.5	1.5		0.35	1.7	0.95	1.73
	190.5	39.688	39.688	33.338	3.5	3.3	240	485	1700	2400	35.9	48385/48320	153	142	175	185	3.5	3.3		0.32	1.9	1	3.74
	196.85	46.038	46.038	38.1	3.5	3.3	315	560	1600	2200	39.7	67390/67322	153	142	180	192	3.5	3.3		0.34	1.7	0.96	4.74
	196.85	46.038	46.038	38.1	8	3.3	315	560	1600	2200	39.7	67391/67322	158	142	180	192	8	3.3		0.34	1.7	0.96	4.7
	203.2	39.688	39.688	33.338	3.5	3.3	240	485	1600	2200	35.9	48385/48328	153	142	182	191	3.5	3.3		0.32	1.9	1	4.76
	203.2	46.038	46.038	38.1	3.5	3.3	315	560	1600	2200	39.7	67390/67320	153	142	183	195	3.5	3.3		0.34	1.7	0.96	5.33
	203.2	46.038	46.038	38.1	8	3.3	315	560	1600	2200	39.7	67391/67320	158	142	183	195	8	3.3		0.34	1.7	0.96	5.29
	203.2	46.038	46.038	46.038	3.6	3.2	311	561	1600	2200	39.7	67390/67324	146	148	182	192	3.6	3.2		0.34	1.74	0.96	5.42
	215	47.625	47.625	34.925	3.5	3.3	287	495	1500	2000	48.4	74525/74846X	160	147	195	208	3.5	3.3		0.49	1.2	0.68	6.34
	215.9	47.625	47.625	34.925	3.5	3.3	287	495	1500	2000	48.4	74525/74850	160	147	195	209	3.5	3.3		0.49	1.2	0.68	6.42
	217.488	47.625	47.625	34.925	3.5	3.3	287	495	1500	2000	48.4	74525/74856	160	147	196	210	3.5	3.3		0.49	1.2	0.68	6.57
	234.95	63.5	63.5	49.212	9.7	3.3	510	790	1500	2000	50.5	95525/95925	169	146	212	226	9.7	3.3		0.37	1.6	0.89	11
	234.95	63.5	63.5	49.212	4.8	3.3	510	790	1500	2000	50.5	95528/95925	164	146	212	226	4.8	3.3		0.37	1.6	0.89	11
	234.975	63.5	63.5	49.212	9.7	3.3	510	790	1500	2000	50.5	95525/95928	169	146	212	227	9.7	3.3		0.37	1.6	0.89	11
	234.975	63.5	63.5	49.212	4.8	3.3	510	790	1500	2000	50.5	95528/95928	164	146	212	227	4.8	3.3		0.37	1.6	0.89	11
	234.975	63.5	68.715	49.212	3.2	3.2	523	826	1500	2000	49.9	95529X/95925	145	155	204	216	3.2	3.2		0.37	1.62	0.89	11.3
	234.975	64.798	63.5	49.949	9.5	3.2	523	826	1500	2000	51.2	95525/95929	157	155	204	216	9.5	3.2		0.37	1.62	0.89	11.1
	247.65	63.5	63.5	49.213	13.2	3.2	523	826	1500	2000	49.9	95527A/95975	165	155	204	216	13.2	3.2		0.37	1.62	0.89	12.8
	247.65	63.5	63.5	49.212	9.7	3.3	510	790	1500	2000	50.5	95525/95975	169	146	218	233	9.7	3.3		0.37	1.6	0.89	12.8
	247.65	63.5	63.5	49.212	4.8	3.3	510	790	1500	2000	50.5	95528/95975	164	146	218	233	4.8	3.3		0.37	1.6	0.89	12.9
134.975	215.9	53.975	47.625	47.625	3.6	3.2	322	549	1700	2400	56.1	74529/74853	147	156	193	209	3.6	3.2		0.49	1.23	0.68	6.92
136.525	187.325	28.575	29.37	23.02	1.6	1.6	178	323	1700	2400	31.7	LM328444/LM328410	14.7	151	175	181	1.6	1.6		0.35	1.69	0.93	2.24
	190.5	39.688	39.688	33.338	3.5	3.3	240	485	1700	2400	35.9	48393/48320	154	144	175	185	3.5	3.3		0.32	1.9	1	3.53

Single-row Taper Roller Bearing
(Inch Series)

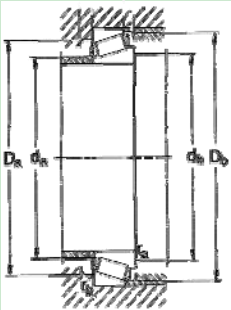
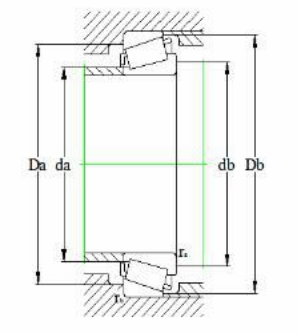
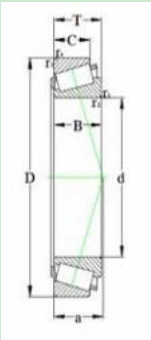
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基本尺寸(mm) Boundary Dimensions							基本额定载荷(kN) Basic Load Ratings		极限转速(rpm) Speed Ratings 脂润滑 油润滑 Grease Oil		作用点 Load Center Spacings a	轴承代号 Bearing Numbers	相关安装尺寸(mm) Abutment and Fillet Dimensions							计算系数 Calculation Factors			质量(kg) Mass 参考 Refer.
d	D	T	B	C	r1.2min	r3.4min	Cr	Cor					d _{amax}	d _{bmin}	D _{amax}	D _{bmin}	r _{amax}	r _{bmax}		e	Y	Y ₀	
136.525	190.5	39.688	39.688	33.338	5.5	3.3	246	500	1700	2400	35	48393A/48320	151	140	176	182	5	3	0.33	1.8	1	3.3	
	203.2	39.688	39.688	33.338	3.6	3.2	236	472	1700	2400	35.9	48393/48328	149	150	175	182	3.6	3.2	0.32	1.87	1.03	4.38	
	215	47.625	47.625	34.925	3.5	3.3	287	495	1700	2400	48.4	74537/74846X	162	148	195	208	3.5	3.3	0.49	1.2	0.68	6.09	
	215.9	47.625	47.625	34.925	3.5	3.3	287	495	1700	2400	48.4	74537/74850	162	148	195	209	3.5	3.3	0.49	1.2	0.68	6.17	
	217.488	47.625	47.625	34.925	3.5	3.3	287	495	1700	2400	48.4	74537/74856	162	148	196	210	3.5	3.3	0.49	1.2	0.68	6.32	
	228.6	57.15	57.15	44.45	3.5	3.3	380	620	1600	2300	51.5	896/892	163	149	204	219	3.5	3.3	0.42	1.4	0.78	8.86	
	249.975	66.675	66.675	53.401	7.1	3	549	913	1600	2300	55	99537/99097	156	174	225	240	7.1	3	0.41	1.47	0.81	14.1	
	254	66.675	66.675	47.625	7	3.3	515	830	1600	2300	55.3	99537/99100	178	157	230	245	7	3.3	0.41	1.5	0.81	14.2	
	254	66.675	66.675	47.625	13.5	3.2	549	913	1600	2300	55	99540/99100	169	174	224	236	13.5	3.2	0.41	1.47	0.81	14.3	
	180.975	21.433	20.638	16.67	1.5	1.5	104	194	1600	2300	29.8	LL428349/LL428310	152	147	171	176	1.5	1.5	0.37	1.6	0.9	1.36	
	187.325	28.575	29.37	23.02	1.5	1.5	153	305	1600	2300	31.7	LM328448/LM328410	155	148	176	182	1.5	1.5	0.36	1.7	0.93	2.26	
	200.025	41.275	39.688	34.13	3.6	3.3	246	491	1500	2000	38.6	48680/48620	152	156	183	190	3.6	3.3	0.34	1.78	0.98	4.04	
139.7	215	47.625	47.625	34.925	3.5	3.3	287	495	1500	2000	48.4	74550/74846X	163	150	195	208	3.5	3.3	0.49	1.2	0.68	5.83	
	215	47.625	47.625	34.925	6.4	3.3	287	495	1500	2000	48.4	74550A/74846X	166	150	195	208	6.4	3.3	0.49	1.2	0.68	5.81	
	215	47.625	53.37	34.925	12.7	3.2	322	549	1500	2000	49.7	74555/74846X	170	156	193	205	12.7	3.2	0.49	1.23	0.68	5.77	
	215.9	47.625	47.625	34.925	3.5	3.3	287	495	1500	2000	48.4	74550/74850	163	150	195	209	3.5	3.3	0.49	1.2	0.68	5.92	
	215.9	47.625	47.625	34.925	6.4	3.2	322	549	1500	2000	49.7	74550A/74850	158	156	193	205	6.4	3.2	0.49	1.23	0.68	5.82	
	222.25	34.925	31.623	23.812	3.5	3.3	191	267	1400	1900	41.6	73551/73875	162	152	203	211	3.5	3.3	0.44	1.4	0.75	4.25	
	228.6	57.15	57.15	44.45	3.5	3.3	380	620	1400	1900	51.5	898/892	165	151	204	219	3.5	3.3	0.42	1.4	0.78	8.55	
	228.6	57.15	57.15	44.45	6.4	3.3	380	620	1400	1900	51.5	898A/892	168	151	204	219	6.4	3.3	0.42	1.4	0.78	8.53	
	228.6	57.15	58.738	44.45	3.6	3.2	439	730	1400	1900	50.6	899/892	152	157	202	214	3.6	3.2	0.42	1.43	0.78	8.72	
	236.538	57.15	56.642	44.45	3.5	3.3	455	720	1400	1900	45.9	HM231132/HM231110	168	154	216	228	3.5	3.3	0.32	1.9	1	9.63	
	236.538	57.15	56.642	44.45	3.5	3.3	400	680	1400	1900	53.7	82550/82931	170	155	213	228	3.5	3.3	0.44	1.4	0.75	9.81	
	236.538	57.15	60.325	44.45	3.6	3.2	499	832	1400	1900	45.2	HM231133/HM231110	152	168	213	223	3.6	3.2	0.32	1.88	1.04	10.3	
241.3	57.15	56.642	44.45	3.5	3.3	455	720	1400	1900	45.9	HM231132/HM231115	168	154	218	230	3.5	3.3	0.32	1.9	1	10.3		
	57.15	56.642	44.45	3.5	3.3	400	680	1400	1900	53.7	82550/82950	170	155	215	230	3.5	3.3	0.44	1.4	0.75	10.4		
250	66.675	66.675	47.625	7	3.3	515	830	1300	1800	55.3	99550/99098X	179	158	228	243	7	3.3	0.41	1.5	0.81	13.2		

Single-row Taper Roller Bearing
(Inch Series)

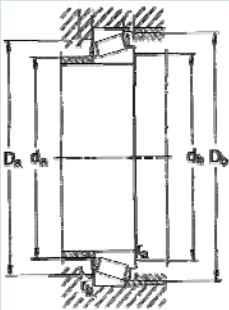
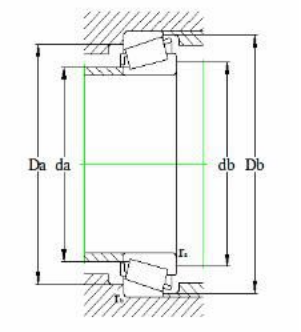
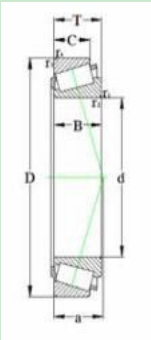
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基本尺寸(mm) Boundary Dimensions							基本额定载荷(kN) Basic Load Ratings		极限转速(rpm) Speed Ratings 脂润滑 油润滑 Grease Oil		作用点 Load Center Spacings a	轴承代号 Bearing Numbers	相关安装尺寸(mm) Abutment and Fillet Dimensions						计算系数 Calculation Factors			质量(kg) Mass 参考 Refer.
d	D	T	B	C	r1.2min	r3.4min	Cr	Cor					d _{max}	d _{bmin}	D _{max}	D _{bmin}	r _{max}	r _{bmax}	e	Y	Y ₀	
139.7	250	66.675	71.438	47.625	3.2	3.2	549	913	1300	1800	55	99549/99098X	151	174	224	236	3.2	3.2	0.41	1.47	0.81	13.9
	254	66.675	66.675	47.625	7	3.3	515	830	1300	1800	55.3	99550/99100	179	158	230	245	7	3.3	0.41	1.5	0.81	13.8
	254	66.675	66.675	47.625	7.1	3.2	549	913	1300	1800	55	99550/99100S	159	174	224	236	7.1	3.2	0.41	1.47	0.81	14.1
	268.288	74.613	74.613	57.15	6.4	6.4	658	1050	1300	1800	59.4	EE107055/107105	158	177	234	249	6.4	6.4	0.39	1.55	0.85	18.8
	288.925	82.55	87.312	57.15	9.7	6.4	770	1010	1300	1800	56.3	HH231649/HH231610	182	158	258	275	9.7	6.4	0.32	1.9	1	22.6
	295.275	82.55	87.313	57.15	9.5	6.4	765	1070	1300	1800	61.9	EE540550/541162	164	178	249	264	9.5	6.4	0.4	1.51	0.83	25.4
	295.275	82.55	87.312	57.15	9.7	6.4	770	1010	1300	1800	56.3	HH231649/HH231615	182	158	261	278	9.7	6.4	0.32	1.9	1	23.9
	304.8	60.325	61.913	41.275	3.2	6.4	599	800	1300	1800	49.8	EE75058/751200	151	192	258	268	3.2	6.4	0.33	1.8	0.99	20.3
	304.8	60.325	61.913	41.275	6.4	6.4	599	800	1300	1800	49.8	EE750562/751200	158	192	258	268	6.4	6.4	0.33	1.8	0.99	20.3
	307.975	88.9	93.662	66.675	9.7	6.8	885	1190	1300	1800	63.2	HH234031/HH234010	191	165	275	294	9.7	6.8	0.33	1.8	1	29.8
	307.975	88.9	93.663	66.675	9.5	6.7	1020	1450	1300	1800	63.3	HH234032/HH234010	164	191	271	285	9.5	6.7	0.33	1.84	1.01	31.6
	311.15	88.9	82.55	57.15	6.4	6.4	652	896	1300	1800	91.9	EE516055/516122	158	179	252	280	6.4	6.4	0.73	0.82	0.45	28.8
	317.5	88.9	93.662	66.675	9.7	6.8	885	1190	1300	1800	63.2	HH234031/HH234018	191	165	279	298	9.7	6.8	0.33	1.8	1	32.2
139.975	215	47.625	47.625	34.925	3.6	3.2	322	549	1200	1700	49.7	74556/74846X	152	156	193	205	3.6	3.2	0.49	1.23	0.68	5.74
139.97	249.975	66.675	71.438	53.401	1.6	3	549	913	1200	1700	55	99553/99097	148	174	225	240	1.6	3	0.41	1.47	0.81	14
140	215	47.625	47.625	34.925	3.5	3.3	287	495	1600	2200	48.4	74551X/74846X	163	150	195	208	3.5	3.3	0.49	1.2	0.68	5.81
	215.9	47.625	47.625	34.925	3.5	3.3	287	495	1600	2200	48.4	74551/74850	163	150	195	209	3.5	3.3	0.49	1.2	0.68	5.89
	217.488	47.625	47.625	34.925	3.5	3.3	287	495	1600	2200	48.4	74551X/74856	163	150	196	210	3.5	3.3	0.49	1.2	0.68	6.04
142.875	193.675	28.575	28.575	23.02	1.6	1.6	187	375	1600	2200	33.7	36686/36620	151	157	180	186	1.6	1.6	0.37	1.63	0.9	2.41
	200.025	41.275	39.688	34.13	8	3.3	227	460	1600	2200	37.6	48684/48620	167	153	185	195	8	3.3	0.34	1.8	0.98	3.77
	200.025	41.275	39.688	34.13	3.5	3.3	227	460	1600	2200	37.6	48685/48620	162	153	185	195	3.5	3.3	0.34	1.8	0.98	3.81
	200.025	41.275	42.863	34.13	3.6	3.3	246	491	1600	2200	38.6	48686/48620	155	156	183	190	3.6	3.3	0.34	1.78	0.98	3.89
	222.25	34.925	31.623	23.813	3.6	3.2	209	302	1600	2200	41.9	73562/73875	155	163	198	205	3.6	3.2	0.44	1.37	0.75	3.2
	236.538	57.15	56.642	44.45	3.5	3.3	455	720	1600	2200	45.9	HM231136/HM231110	170	156	216	228	3.5	3.3	0.32	1.9	1	9.32
	236.538	57.15	56.642	44.45	3.5	3.3	400	680	1600	2200	53.7	82562/82931	171	156	213	228	3.5	3.3	0.44	1.4	0.75	9.5
	241.3	57.15	56.642	44.45	3.5	3.3	455	720	1600	2200	45.9	HM231136/HM231115	170	156	218	230	3.5	3.3	0.32	1.9	1	9.94
	241.3	57.15	56.642	44.45	3.5	3.3	400	680	1600	2200	53.7	82562/82950	171	156	215	230	3.5	3.3	0.44	1.4	0.75	10.1

Single-row Taper Roller Bearing
(Inch Series)

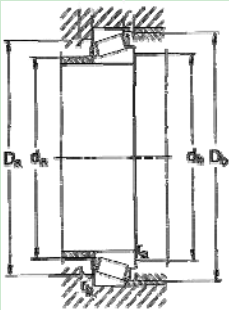
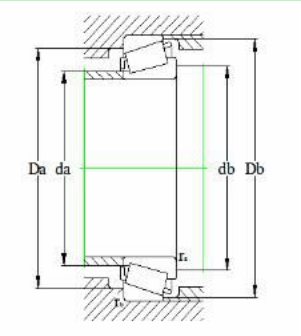
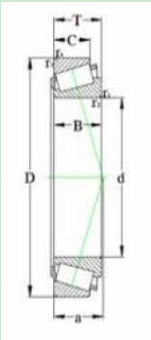
WSW



基本尺寸(mm) Boundary Dimensions							基本额定载荷(kN) Basic Load Ratings		极限转速(rpm) Speed Ratings 脂润滑 油润滑 Grease Oil		作用点 Load Center Spacings a	轴承代号 Bearing Numbers	相关安装尺寸(mm) Abutment and Fillet Dimensions						计算系数 Calculation Factors			质量(kg) Mass 参考 Refer.
d	D	T	B	C	r1.2min	r3.4min	Cr	Cor					d _{max}	d _{bmin}	D _{max}	D _{bmin}	r _{max}	r _{bmax}	e	Y	Y ₀	
146.05	188.12	22.225	20.638	16.67	1.5	1.5	107	200	1600	2200	33.5	LL529749/LL529710	159	153	178	183	1.5	1.5	0.42	1.4	0.79	1.44
	193.675	28.575	28.575	23.02	1.5	1.5	170	355	1600	2200	33.5	36690/36620	161	154	182	188	1.5	1.5	0.37	1.6	0.9	2.36
	193.675	28.575	28.575	23.02	4.8	1.5	170	355	1400	1900	33.5	36691/36620	164	154	182	188	4.8	1.5	0.37	1.6	0.9	2.35
	203.2	28.575	28.575	23.02	1.6	1.6	187	375	1400	1900	33.7	36690/36626	154	157	180	186	1.6	1.6	0.37	1.63	0.9	2.78
	236.538	57.15	56.642	44.45	3.5	3.3	455	720	1400	1900	45.9	HM231140/HM231110	171	158	216	228	3.5	3.3	0.32	1.9	1	9
	236.538	57.15	56.642	44.45	3.5	3.3	400	680	1400	1900	53.7	82576/82931	173	158	213	228	3.5	3.3	0.44	1.4	0.75	9.18
	241.3	57.15	56.642	44.45	3.5	3.3	400	680	1400	1900	53.7	82576/82950	173	158	215	230	3.5	3.3	0.44	1.4	0.75	9.8
	244.475	47.625	50.005	33.338	3.5	3.3	330	510	1400	1900	42.9	81575/81962	175	164	225	235	3.5	3.3	0.35	1.7	0.94	8.28
	254	66.675	66.675	47.625	7	3.3	515	830	1400	1900	55.3	99575/99100	182	162	230	245	7	3.3	0.41	1.5	0.81	13.1
	268.288	74.612	74.612	57.15	6.4	6.4	610	980	1400	1900	59.5	EE107057/107105	184	163	236	256	6.4	6.4	0.39	1.5	0.85	17.6
146.05	285.75	76.2	73.025	55.563	6.4	6.4	588	882	1400	1900	60.4	EE217056/217112	164	186	246	261	6.4	6.4	0.4	1.49	0.82	20
	285.75	76.2	73.025	55.563	1.2	6.4	588	882	1400	1900	60.4	EE217064/217112	154	186	246	261	1.2	6.4	0.4	1.49	0.82	20.1
	304.8	60.325	61.913	41.275	12.7	6.4	599	800	1000	1400	49.8	EE750573/751200	177	192	258	268	12.7	6.4	0.33	1.8	0.99	19.5
	304.8	60.325	61.913	41.275	3.2	6.4	599	800	1000	1400	49.8	EE750576/751200	158	192	258	268	3.2	6.4	0.33	1.8	0.99	19.7
	304.8	60.325	61.913	41.275	6.4	6.4	599	800	1000	1400	49.8	EE750577/751200	164	192	258	268	6.4	6.4	0.33	1.8	0.99	19.6
	304.8	88.9	82.55	57.15	6.4	6.4	652	896	950	1400	91.9	EE516057/516120	164	179	252	280	6.4	6.4	0.73	0.82	0.45	26.5
	304.8	88.9	82.55	57.15	6.4	6.4	745	1010	950	1400	92.3	HH932145/HH932110	195	164	262	295	6.4	6.4	0.73	0.82	0.45	27
	307.975	88.9	93.662	61.912	9.7	6.8	745	1070	950	1400	61.5	EE450577/451212	196	171	271	289	9.7	6.8	0.33	1.8	1	28.8
	307.975	88.9	93.662	66.675	9.7	6.8	885	1190	950	1400	63.2	HH234040/HH234010	194	168	275	294	9.7	6.8	0.33	1.8	1	28.7
	311.15	88.9	82.55	57.15	6.4	6.4	791	1060	950	1400	92.1	HH932145/HH932115	164	177	260	288	6.4	6.4	0.73	0.82	0.45	28.3
146.05	311.15	88.9	82.55	57.15	6.4	6.4	745	1010	950	1400	92.3	HH932145/HH932115	195	164	265	298	6.4	6.4	0.73	0.82	0.45	28.3
	317.5	88.9	93.662	66.675	9.7	6.8	885	1190	950	1400	63.2	HH234040/HH234018	194	168	279	298	9.7	6.8	0.33	1.8	1	31.2
	236.538	57.15	56.642	44.45	6.4	3.3	455	720	1100	1500	45.9	HM231148/HM231110	176	159	216	228	6.4	3.3	0.32	1.9	1	8.65
	236.538	57.15	56.642	44.45	3.5	3.3	455	720	1100	1500	45.9	HM231149/HM231110	173	159	216	228	3.5	3.3	0.32	1.9	1	8.68
	236.538	57.15	56.642	44.45	3.5	3.3	400	680	1100	1500	53.7	82587/82931	175	160	213	228	3.5	3.3	0.44	1.4	0.75	8.85
	241.3	57.15	56.642	44.45	6.4	3.3	455	720	1100	1500	45.9	HM231148/HM231115	176	159	218	230	6.4	3.3	0.32	1.9	1	9.27
	241.3	57.15	56.642	44.45	3.5	3.3	455	720	1100	1500	45.9	HM231149/HM231115	173	159	218	230	3.5	3.3	0.32	1.9	1	9.3
	241.3	57.15	56.642	44.45	3.5	3.3	400	680	1100	1500	53.7	82587/82950	175	160	215	230	3.5	3.3	0.44	1.4	0.75	9.47
	250	66.675	66.675	47.625	7.1	3.2	549	913	1100	1500	55	99587/99098X	168	174	224	236	7.1	3.2	0.41	1.47	0.81	12.4

Single-row Taper Roller Bearing
(Inch Series)

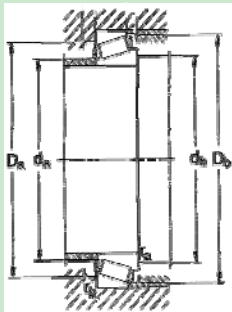
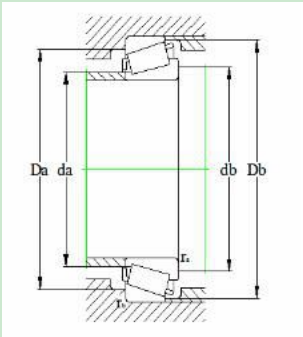
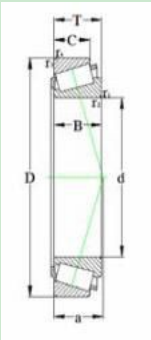
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基本尺寸(mm) Boundary Dimensions							基本额定载荷(kN) Basic Load Ratings		极限转速(rpm) Speed Ratings 脂润滑 油润滑 Grease Oil		作用点 Load Center Spacings a	轴承代号 Bearing Numbers	相关安装尺寸(mm) Abutment and Fillet Dimensions						计算系数 Calculation Factors			质量(kg) Mass 参考 Refer.
d	D	T	B	C	r1.2min	r3.4min	Cr	Cor					dmax	dbmin	Damax	Dbmin	rmax	rmax	e	Y	Y0	
149.86	317.5	77.788	76.2	53.975	3.2	4.8	752	1100	1100	1500	69.7	560990/561251	177	201	271	287	3.2	4.8	0.46	1.29	0.71	25.1
149.975	254	66.675	71.438	47.625	3.2	3.2	549	913	1100	1500	55	99591/99100S	161	174	224	236	3.2	3.2	0.41	1.47	0.81	13.2
150	244.475	47.498	50.005	41.275	3.6	3.2	322	494	1200	1600	41.7	81590/81962X	162	177	221	230	3.6	3.2	0.35	1.72	0.95	8.02
	244.475	47.625	50.005	33.338	3.5	3.3	330	510	1200	1600	42.9	81590/81962	177	166	225	235	3.5	3.3	0.35	1.7	0.94	7.92
	250	66.675	66.675	47.625	7.1	3.2	549	913	1200	1600	55	99590X/99098X	169	174	224	236	7.1	3.2	0.41	1.47	0.81	12.3
150.698	317.5	77.788	76.2	53.975	17.5	4.8	752	1100	1100	1500	69.7	EE560592/561251	191	201	271	287	17.5	4.8	0.46	1.29	0.71	26.9
150.813	245	47.625	50.005	33.338	3.6	3.2	322	494	1200	1600	41.8	81593/81964	163	177	219	227	3.6	3.2	0.35	1.72	0.95	7.63
152.146	250	66.675	66.675	47.625	7.1	3.2	549	913	1200	1600	55	99599X/99098X	171	174	224	236	7.1	3.2	0.41	1.47	0.81	12.1
152.4	222.25	46.83	46.83	34.925	3.3	1.5	287	530	1500	2000	41.6	M231649/M231610	175	163	207	215	3.3	1.5	0.33	1.8	0.99	5.76
	244.475	47.625	50.005	33.338	3.5	3.3	330	510	1500	2000	42.9	81600/81962	178	167	225	235	3.5	3.3	0.35	1.7	0.94	7.7
	250	66.675	66.675	47.625	7.1	3.2	549	913	1500	2000	55	99600/99098X	172	174	224	236	7.1	3.2	0.41	1.47	0.81	12.1
	254	66.675	66.675	47.625	7	3.3	515	830	1300	1800	55.3	99600/99100	185	165	230	245	7	3.3	0.41	1.5	0.81	12.3
	254	66.675	71.438	47.625	1.6	3.2	549	913	1300	1800	55	99603/99100	161	174	224	236	1.6	3.2	0.41	1.47	0.81	12.8
	266.7	66.675	71.438	50.8	6.4	3.2	602	993	1300	1800	52.6	HM234636/HM234610	170	188	240	252	6.4	3.2	0.34	1.78	0.98	15.6
152.4	268.288	74.612	74.612	57.15	6.4	6.4	610	980	1300	1800	59.5	EE107060/107105	187	166	236	256	6.4	6.4	0.39	1.5	0.85	16.7
	268.288	74.613	77.788	57.15	6.4	6.4	658	1050	1300	1800	59.4	107960/107105	170	177	234	249	6.4	6.4	0.39	1.55	0.85	17.2
	269.799	74.612	74.613	57.15	6.4	6.4	658	1050	1300	1800	59.4	EE107060/107107	170	177	234	249	6.4	6.4	0.39	1.55	0.85	17.4
	285.75	76.2	73.025	55.563	1.6	6.4	588	882	1200	1600	60.4	EE217060/217112	161	186	246	261	1.6	6.4	0.4	1.49	0.82	19.2
	307.975	88.9	93.662	61.912	9.7	6.8	745	1070	1200	1600	61.5	EE450601/451212	199	174	271	289	9.7	6.8	0.33	1.8	1	27.7
	307.975	88.9	93.662	66.675	9.7	6.8	885	1190	1200	1600	63.2	HH234048/HH234010	197	171	275	294	9.7	6.8	0.33	1.8	1	27.6
	307.975	88.9	93.663	66.675	9.5	6.7	1020	1450	1200	1600	63.3	HH234049/HH234010	176	191	271	285	9.5	6.7	0.33	1.84	1.01	29.4
	317.5	88.9	93.662	66.675	9.7	6.8	885	1190	1200	1600	63.2	HH234048/HH234018	197	171	279	298	9.7	6.8	0.33	1.8	1	30.1
	323.85	77.788	76.2	53.975	17.5	4.8	752	1100	1200	1600	69.7	EE560600/561279	192	201	271	287	17.5	4.8	0.46	1.29	0.71	28
153.988	244.475	47.625	50.005	33.338	3.5	3.3	330	510	1300	1800	42.9	81606/81962	179	168	225	235	3.5	3.3	0.35	1.7	0.94	7.55
	244.475	47.625	50.005	33.338	3.6	3.2	322	494	1300	1800	41.8	81606/81962	166	177	219	227	3.6	3.2	0.35	1.72	0.95	7.29

Single-row Taper Roller Bearing
(Inch Series)

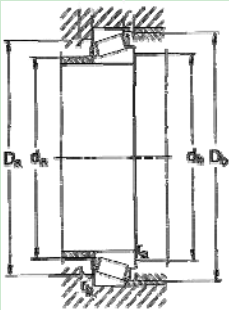
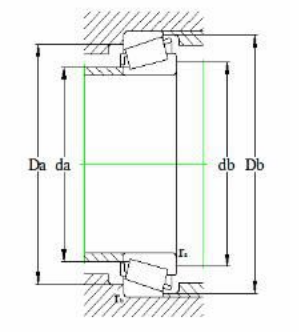
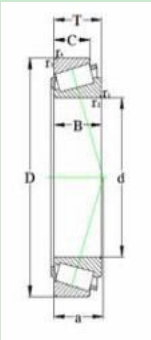
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基本尺寸(mm) Boundary Dimensions							基本额定载荷(kN) Basic Load Ratings		极限转速(rpm) Speed Ratings 脂润滑 油润滑 Grease Oil		作用点 Load Center Spacings a	轴承代号 Bearing Numbers	相关安装尺寸(mm) Abutment and Fillet Dimensions						计算系数 Calculation Factors			质量(kg) Mass 参考 Refer.
d	D	T	B	C	r1.2min	r3.4min	Cr	Cor					d _{max}	d _{bmin}	D _{max}	D _{bmin}	r _{max}	r _{bmax}	e	Y	Y ₀	
155.575	330.2	85.725	79.375	53.975	6.4	6.4	760	1060	1200	1600	103.3	H936340/H936310	209	178	283	317	6.4	6.4	0.81	0.74	0.41	32.5
	342.9	85.725	79.375	53.975	6.4	6.4	760	1060	1200	1600	103.3	H936340/H936316	209	178	289	323	6.4	6.4	0.81	0.74	0.41	35.3
158.75	205.583	23.812	23.812	18.258	4.8	1.5	138	280	1500	2000	33	L432348/L432310	176	173	198	197	4.4	1.5	0.37	1.6	0.9	1.9
	205.583	23.813	23.813	18.258	4.8	1.6	131	253	1500	2000	33.4	L432348/L432310XX	173	172	193	197	4.8	1.6	0.37	1.6	0.88	1.86
	205.583	23.812	23.812	18.258	1.5	1.5	127	249	1500	2000	33.9	L432349/L432310	173	167	195	200	1.5	1.5	0.39	1.5	0.84	1.99
	225.425	41.275	39.688	33.338	3.5	3.3	240	540	1400	1900	44.3	46780/46720	183	172	208	219	3.5	3.3	0.38	1.6	0.86	5.34
	285.75	76.2	73.025	55.563	13.5	6.4	588	882	1400	1900	60.4	EE217062X/217112	191	186	246	261	13.5	6.4	0.4	1.49	0.82	18.2
	304.8	66.675	69.106	42.863	6.4	3.2	548	802	1400	1900	54.4	EE280626/281200	177	211	271	282	6.4	3.2	0.36	1.67	0.92	20
159.512	266.7	66.675	71.438	50.8	1.6	3.2	602	993	1400	1900	52.6	HM234643/HM234612	168	188	240	252	1.6	3.2	0.34	1.78	0.98	14.6
159.918	317.5	77.788	76.2	53.975	10.4	4.8	752	1100	1400	1900	69.7	EE560629/561251	186	201	271	287	10.4	4.8	0.46	1.29	0.71	25.8
159.951	244.475	47.625	46.83	33.338	3.6	3.2	322	494	1400	1900	41.8	81630/81962	172	177	219	227	3.6	3.2	0.35	1.72	0.95	6.62
	244.475	47.625	50.005	33.338	3.5	3.3	330	510	1400	1900	42.9	81629/81962	182	171	225	235	3.5	3.3	0.35	1.7	0.94	6.97
160	240	46	44.501	37	3	2.5	353	666	1400	1900	50.1	JM734445/JM734410	171	184	221	231		2.5	0.44	1.37	0.75	7.19
160.325	288.925	63.5	63.5	47.625	7	3.3	615	935	1300	1800	52.7	HM237532/HM237510	202	183	266	278	7	3.3	0.32	1.9	1	17
160.338	317.5	77.788	76.2	53.975	11.2	4.8	752	1100	1300	1800	69.7	EE560631X/561251	188	201	271	287	11.2	4.8	0.46	1.29	0.71	25.7
161.925	244.475	47.625	46.83	33.338	3.5	3.3	330	510	1300	1800	42.9	81637/81962	183	172	225	235	3.5	3.3	0.35	1.7	0.94	6.67
	336.55	79.375	80.963	53.975	6.4	6.4	757	1100	1300	1800	75.7	EE590638/591326	180	213	286	303	6.4	6.4	0.49	1.22	0.67	30.7
	336.55	79.375	80.963	53.975	6.4	6.4	757	1100	1300	1800	75.7	590938/591326	180	213	286	303	6.4	6.4	0.49	1.22	0.67	30.7
	374.65	87.312	79.375	60.325	6.4	3.3	855	1090	1300	1800	98.6	EE117063/117148	217	188	325	355	6.4	3.3	0.71	0.85	0.47	42.2
164.975	288.925	63.5	68	47.625	7.1	3.2	628	973	1300	1800	52.2	HM237537/HM237510	184	203	260	270	7.1	3.2	0.32		1.04	16.7
165.1	215.9	26.195	26.195	20.638	1.5	1.5	154	295	1400	1900	34.5	L433749/L433710	180	173	204	210	1.5	1.5	0.36	1.7	0.91	2.45
	225.425	41.275	39.688	33.338	3.5	3.3	240	540	1400	1900	44.3	46790/46720	186	175	208	219	3.5	3.3	0.38	1.6	0.86	4.84
	247.65	47.625	47.625	38.1	3.5	3.3	345	705	1400	1900	52.4	67780/67720	194	180	228	241	3.5	3.3	0.44	1.4	0.75	8.16
	254	46.038	46.038	33.338	4.8	3.3	340	535	1400	1900	44.9	86650/86100	191	178	235	246	4.8	3.3	0.37	1.6	0.89	7.56

Single-row Taper Roller Bearing
(Inch Series)

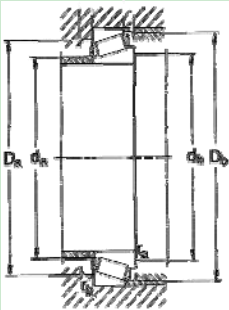
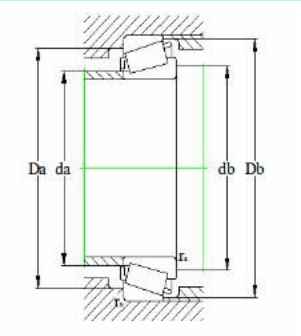
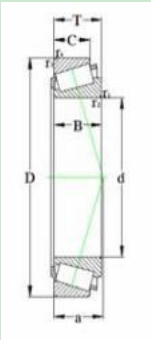
WSW



基本尺寸(mm) Boundary Dimensions							基本额定载荷(kN) Basic Load Ratings		极限转速(rpm) Speed Ratings 脂润滑 油润滑 Grease Oil		作用点 Load Center Spacings a	轴承代号 Bearing Numbers	相关安装尺寸(mm) Abutment and Fillet Dimensions							计算系数 Calculation Factors			质量(kg) Mass 参考 Refer.
d	D	T	B	C	r1.2min	r3.4min	Cr	Cor					d _{max}	d _{bmin}	D _{max}	D _{bmin}	r _{max}	r _{bmax}		e	Y	Y ₀	
165.1	254	465.038	46.038	33.338	4.8	3.3	370	595	1400	1900	41.9	M235145/M235113	191	178	235	245	4.8	3.3		0.32	1.9	1	7.72
	254	49.213	52.388	33.338	4.8	3.2	378	620	1400	1900	41.6	M235144/M235113	180	191	232	239	4.8	3.2		0.32	1.88	1.04	8.34
	260.35	53.975	58.738	41.275	1.6	3.2	467	812	1400	1900	45	HM235148/HM235118	173	189	232	241	1.6	3.2		0.32	1.88	1.04	10.6
	266.7	66.675	71.438	50.8	1.6	3.2	602	993	1400	1900	52.6	HM234648/HM234610	173	188	240	252	1.6	3.2		0.34	1.78	0.98	13.9
	288.925	63.5	63.5	47.625	7	3.3	615	935	1300	1800	52.7	HM237535/HM237510	204	185	266	278	7	3.3		0.32	1.9	1	16.4
	288.925	63.5	63.5	47.625	7.1	3.2	628	973	1300	1800	52.2	HM237536/HM237511	184	203	260	270	7.1	3.2		0.32	1.88	1.04	16.4
	288.925	63.5	63.5	47.625	7	3.3	545	940	1300	1800	62.6	94649/94113	206	185	261	277	7		3.3	0.47	1.3	0.7	17.2
	288.925	63.5	63.5	47.625	7.1	3.2	550	960	1300	1800	63.2	94650/94113A	184	203	255	270	7.1	3.2		0.47	1.28	0.7	17
	288.925	63.5	68.263	47.625	3.2	3.2	628	973	1300	1800	52.2	HM237534/HM237511	177	203	260	270	3.2	3.2		0.32	1.88	1.04	16.8
	289.975	63.5	63.5	48	7.1	3	628	973	1300	1800	52.2	HM237535/HM237513	184	203	260	270	7.1	3		0.32	1.88	1.04	16.6
	298.45	82.55	82.55	63.5	6.4	6.4	716	1130	1300	1800	67	EE219065/219117	183	202	264	280	6.4	6.4		0.38	1.59	0.88	23.4
	298.45	63.5	63.5	47.625	7	3.3	545	940	1300	1800	62.6	94649/94118	206	185	265	282	7		3.3	0.47	1.3	0.7	18.8
	311.15	82.55	82.55	63.5	6.4	6.4	770	1230	1200	1600	65.8	EE219065/219122	206	185	274	295	6.4	6.4		0.38	1.6	0.88	26.3
	311.15	82.55	82.55	65.088	6.4	6.4	835	1280	1200	1600	63.9	H238140/H238110	208	187	279	298	6.4	6.4		0.33	1.8	1	26.5
	317.5	77.788	76.2	53.975	3.2	4.8	752	1100	1200	1600	69.7	EE560650/561251	177	201	271	287	3.2	4.8		0.46	1.29	0.71	25.1
	317.5	77.788	76.2	53.975	3.2	4.8	752	1100	1200	1600	69.7	560950/561251	177	201	271	287	3.2	4.8		0.46	1.29	0.71	26.4
	336.55	79.375	80.962	53.975	17.5	6.4	757	1100	1200	1600	75.7	EE590650/591326	205	213	286	303	17.5	6.4		0.49	1.22	0.67	30
	336.55	92.075	95.25	69.85	3.3	6.4	990	1380	1100	1400	70.8	HH437549/HH437510	206	185	297	320	3.3	6.4		0.37	1.6	0.89	35
	342.9	79.375	80.962	53.975	1.2	6.4	757	1100	1100	1400	75.7	EE590649/591350	173	213	286	303	1.2	6.4		0.49	1.22	0.67	31.7
	360	92.075	88.897	63.5	9.7	3.3	875	1340	1100	1400	78.9	EE420651/421417	234	208	329	349	9.7	3.3		0.42	1.4	0.79	42.1
	361.95	106.362	104.775	76.2	13.5	3.3	1240	1690	1100	1400	73.4	EE108065/108142	220	188	323	342	13.5	3.3		0.33	1.8	0.99	48.5
	225.425	41.275	39.688	33.338	3.6	3.2	258	568	1300	1800	4	46792R/46720	179	181	207	215	3.6	3.2		0.38	1.57	0.86	4.46
	225.425	41.275	39.688	33.338	3.5	3.3	240	540	1300	1800	44.3	46792/46720	187	176	208	219	3.5	3.3		0.38	1.6	0.86	4.71
167.945	254	49.213	53.975	33.338	4.8	3.2	378	620	1300	1800	41.6	M235147X/M235113	183	191	232	239	4.8	3.2		0.32	1.88	1.04	8.1
168.275	247.65	47.625	47.625	38.1	3.5	3.3	345	705	1300	1800	52.4	67782/67720	195	182	228	241	3.5	3.3		0.44	1.4	0.75	7.85
	254	46.038	50.8	33.338	3.2	3.2	378	620	1300	1800	41.5	M235147/M235113	180	191	232	239	3.2	3.2		0.32	1.88	1.04	7.79

Single-row Taper Roller Bearing
(Inch Series)

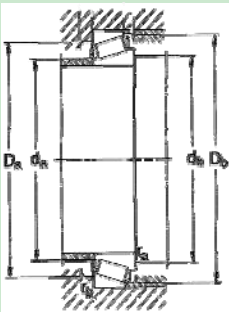
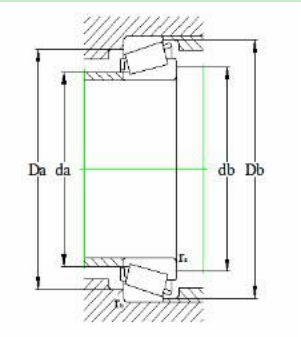
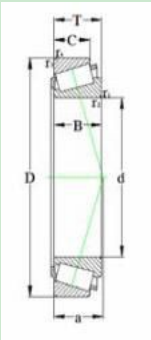
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基本尺寸(mm) Boundary Dimensions							基本额定载荷(kN) Basic Load Ratings		极限转速(rpm) Speed Ratings 脂润滑 油润滑 Grease Oil		作用点 Load Center Spacings a	轴承代号 Bearing Numbers	相关安装尺寸(mm) Abutment and Fillet Dimensions						计算系数 Calculation Factors			质量(kg) Mass 参考 Refer.
d	D	T	B	C	r1.2min	r3.4min	Cr	Cor					d _{amax}	d _{bmin}	D _{amax}	D _{bmin}	r _{amax}	r _{bmax}	e	Y	Y ₀	
168.275	330.2	85.725	79.375	53.975	6.4	6.4	760	1060	1300	1800	103.3	H936349/H936310	216	184	283	317	6.4	6.4	0.81	0.74	0.41	30.5
	342.9	85.725	79.375	53.975	6.4	6.4	760	1060	1300	1800	103.3	H936349/H936316	216	184	289	323	6.4	6.4	0.81	0.74	0.41	33.3
169.977	260.35	66.675	66.675	52.388	3.6	3.2	538	1030	1300	1800	58	HM535347/HM535310	182	189	234	248	3.6	3.2	0.4	1.49	0.82	12.4
169.984	298.45	63.5	63.5	47.625	7.1	3.2	550	960	1300	1800	63.2	94669/94118	189	203	25	270	7.1	3.2	0.47	1.28	0.7	18
170	230	39	38	31	3	2.5	278	520	1300	1800	43.2	JHM534149/JHM534110	188	177	215	225	3	2.5	0.38	1.6	0.86	4.41
	240	46.038	44.5	37	3	2.5	380	720	1300	1800	50.5	JM734449/JM734410	191	178	222	234	3	2.5	0.44	1.4	0.75	6.44
	254	46.038	46.038	33.338	4.8	3.3	370	595	1300	1800	41.9	M235149/M235113	194	180	235	245	4.8	3.3	0.32	1.9	1	7.26
	254	46.038	46.038	33.338	4.8	3.3	340	535	1300	1800	44.9	86669/86100	194	181	235	246	4.8	3.3	0.37	1.6	0.89	7.09
	266.7	46.038	46.038	33.338	4.8	1.6	336	531	1300	1800	44.9	86669/86105	185	189	230	238	4.8	1.6	0.37	1.63	0.9	8.36
171.45	222.25	25.4	24.608	19.05	1.6	1.6	157	299	1300	1800	36	L435049/L435010	180	185	208	213	1.6	1.6	0.38	1.6	0.88	2.33
	260.35	66.675	66.675	52.388	3.5	3.3	540	1030	1300	1800	57.6	HM535349/HM535310	198	182	236	252	3.5	3.3	0.4	1.5	0.82	12.5
	288.925	63.5	63.5	47.625	7.1	3.2	628	973	1200	1600	52.2	HM237540/HM237510	191	203	260	270	7.1	3.2	0.32	1.88	1.04	15.5
	288.925	63.5	63.5	47.625	7.1	3.2	550	960	1200	1600	63.2	94675/94113A	191	203	255	270	7.1	3.2	0.47	1.28	0.7	16.2
	288.925	63.5	63.5	47.625	7	3.3	545	940	1200	1600	62.6	94675/94113	209	189	261	277	7	3.3	0.47	1.3	0.7	16.3
	298.45	63.5	63.5	47.625	7	3.3	545	940	1200	1600	62.6	94675/94118	209	189	265	282	7	3.3	0.47	1.3	0.7	18
171.45	336.55	79.375	80.963	53.975	6.4	6.4	757	1100	1100	1600	75.7	EE590675/591326	189	213	286	303	6.4	6.4	0.49	1.22	0.67	29.2
	342.9	79.375	80.963	53.975	6.4	6.4	757	1100	1100	1600	75.7	EE590675/591350	189	213	286	303	6.4	6.4	0.49	1.22	0.67	30.6
	342.9	79.375	84.138	53.975	1.2	6.4	757	1100	1100	1600	75.7	590977/591350	179	213	286	303	1.2	6.4	0.49	1.22	0.67	30.9
	374.65	87.313	79.375	60.325	6.4	3.2	868	1220	1100	1600	103.7	EE117067/117148	189	218	308	338	6.4	3.2	0.73	0.82	0.45	42.2
174.625	247.65	47.625	47.625	38.1	7.9	3.2	346	701	1100	1600	52.3	67786/67720	195	192	227	238	7.9	3.2	0.44	1.36	0.75	6.93
	247.65	47.625	47.625	38.1	3.5	3.3	345	705	1100	1600	52.4	67787/67720	199	185	228	241	3.5	3.3	0.44	1.4	0.75	7.21
	260.35	53.975	53.975	41.275	3.6	3.2	442	821	1100	1600	48.4	M236845/M236810	187	198	238	247	3.6	3.2	0.33	1.8	0.99	9.31
	288.925	63.5	63.5	47.625	7	3.3	615	935	1100	1600	52.7	HM237542/HM237510	209	190	266	278	7	3.3	0.32	1.9	1	15.2
	288.925	63.5	63.5	47.625	7	3.3	545	940	1100	1600	62.6	94687/94113	211	190	261	277	7	3.3	0.47	1.3	0.7	15.9
	288.925	63.5	63.5	47.625	7.1	3.2	550	960	1100	1600	63.2	94687/94113A	194	203	255	270	7.1	3.2	0.47	1.28	0.7	15.8
	298.45	63.5	63.5	47.625	7	3.3	545	940	1100	1600	62.6	94687/94118	211	190	265	282	7	3.3	0.47	1.3	0.7	17.5

Single-row Taper Roller Bearing
(Inch Series)

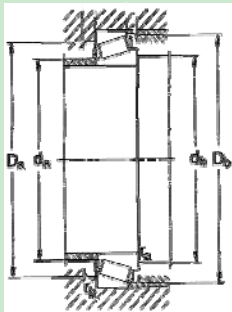
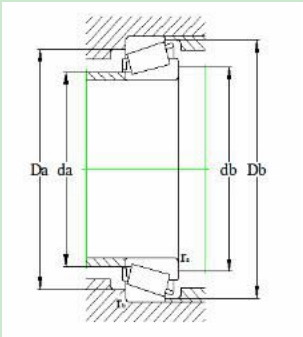
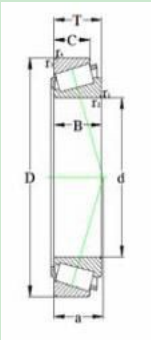
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基本尺寸(mm) Boundary Dimensions							基本额定载荷(kN) Basic Load Ratings		极限转速(rpm) Speed Ratings 脂润滑 油润滑 Grease Oil		作用点 Load Center Spacings a	轴承代号 Bearing Numbers	相关安装尺寸(mm) Abutment and Fillet Dimensions						计算系数 Calculation Factors			质量(kg) Mass 参考 Refer.
d	D	T	B	C	r1.2min	r3.4min	Cr	Cor					d _{amax}	d _{bmin}	D _{amax}	D _{bmin}	r _{amax}	r _{bmax}	e	Y	Y ₀	
174.625	298.45	82.55	82.55	63.5	6.4	6.4	795	1290	1100	1600	66.4	EE219068/219117	211	190	267	288	6.4	6.4	0.38	1.6	0.88	22.1
	311.15	82.55	82.55	63.5	6.4	6.4	716	1130	1000	1500	67	EE219068/219122	192	202	264	280	6.4	6.4	0.38	1.59	0.88	24.7
	311.15	82.55	82.55	65.088	6.4	6.4	835	1280	1000	1500	63.9	H238148/H238110	212	191	279	298	6.4	6.4	0.33	1.8	1	24.9
177.292	355.6	79.375	77.788	53.975	6.4	6.4	754	1090	1000	1500	83.8	EE607071/607140	195	228	305	324	6.4	6.4	0.55	1.1	0.6	32.8
177.8	215.9	20.638	20.638	15.083	1.5	1.5	109	241	1200	1600	38.5	LL735449/LL735410	190	184	206	211	1.5	1.5	0.45	1.3	0.73	1.51
	227.012	30.162	30.162	23.02	1.5	1.5	181	415	1300	1800	42.9	36990/36920	193	185	214	222	1.5	1.5	0.44	1.4	0.75	3.01
	247.65	47.625	47.625	38.1	3.5	3.3	345	705	1300	1800	52.4	67790/67720	200	186	228	241	3.5	3.3	0.44	1.4	0.75	6.88
	247.65	47.625	47.625	38.1	10.4	3.3	345	705	1300	1800	52.4	67791/67720	207	186	228	241	10.4	3.3	0.44	1.4	0.75	6.79
	260.35	53.975	53.975	41.275	7.9	3.2	442	821	1300	1800	48.4	M236848/M236810	199	198	238	247	7.9	3.2	0.33	1.8	0.99	8.9
	260.35	53.975	53.975	41.275	3.5	3.3	455	835	1200	1700	47.5	M236849/M236810	201	189	241	252	3.5	3.3	0.33	1.8	0.99	9.35
	269.875	55.562	55.562	42.862	3.5	3.3	465	875	1200	1700	51.1	M238840/M238810	208	194	250	262	3.5	3.3	0.35	1.7	0.95	11.1
	279.4	61.913	61.913	43.655	3.2	3.2	483	821	1200	1700	65.6	82680X/82620	189	201	251	267	3.2	3.2	0.52	1.14	0.63	12.8
	285.75	63.5	63.5	41.275	6.4	3.3	450	725	1200	1700	58.9	EE91702/91112	210	193	260	274	6.4	3.3	0.43	1.4	0.77	13.7
	288.925	63.5	63.5	47.625	7	3.3	615	935	1200	1700	52.7	HM237545/HM237510	210	191	266	278	7	3.3	0.32	1.9	1	14.7
	288.925	63.5	63.5	47.625	7	3.3	545	940	1200	1700	62.6	94700/94113	213	192	261	277	7	3.3	0.47	1.3	0.7	15.5
	288.925	63.5	63.5	47.625	7.1	3.2	550	960	1200	1700	63.2	94700/94113A	197	203	255	270	7.1	3.2	0.47	1.28	0.7	15.3
	289.974	63.5	63.5	48	7	3	680	1070	1200	1700		HM237545/HM237513	205	194	267	272	7	3	0.32	1.88	1.04	14.6
	289.975	63.5	68.263	48	3.2	3	628	973	1200	1700	52.2	HM237543/HM237513	189	203	260	270	3.2	3	0.32	1.88	1.04	15.2
	304.8	60.325	63.5	42.863	1.6	3.2	548	802	1100	1500	54.4	280970/281200	186	211	271	282	1.6	3.2	0.36	1.67	0.92	16.4
	304.8	66.675	69.106	42.863	6.4	3.2	548	802	1100	1500	54.4	EE280702/281202	196	211	271	282	6.4	3.2	0.36	1.67	0.92	17.3
	304.8	66.675	69.106	42.862	6.4	3.3	555	810	1100	1500	54.3	EE280702/281200	214	196	280	292	6.4	3.3	0.36	1.7	0.92	17.4
	311.15	82.55	85.725	65.088	6.4	6.4	862	1340	1100	1500	64.3	H238147/H238110	196	207	273	288	6.4	6.4	0.33	1.82	1	24.9
	319.964	88.9	85.725	65.088	3.5	4.8	790	1300	1100	1500	72.6	EE222070/222126	218	199	287	307	3.5	4.8	0.4	1.5	0.83	28.4
	319.964	88.9	85.725	65.088	3.5	4.8	855	1270	1100	1500	66.3	H239640/H239610	215	197	292	309	3.5	4.8	0.32	1.9	1	26.9
	320.675	88.9	85.725	65.088	3.5	4.8	790	1300	1100	1500	72.6	EE222070/222128	218	199	287	308	3.5	4.8	0.4	1.5	0.83	28.6
	320.675	88.9	85.725	65.088	3.5	4.8	855	1270	1100	1500	66.3	H239640/H239612	215	197	292	309	3.5	4.8	0.32	1.9	1	27
	327.025	90.488	92.075	63.5	6.4	6.4	930	1500	1000	1500	68.6	EE470078/470128	223	200	294	315	6.4	6.4	0.37	1.6	0.9	31
	327.025	90.488	92.075	63.5	9.5	6.4	864	1430	1000	1500	68.3	EE470078X/470128	202	224	290	305	9.5	6.4	0.37	1.63	0.9	31

Single-row Taper Roller Bearing
(Inch Series)

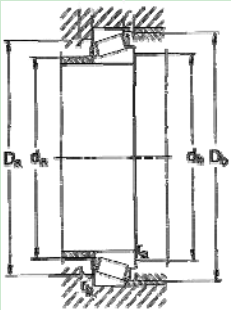
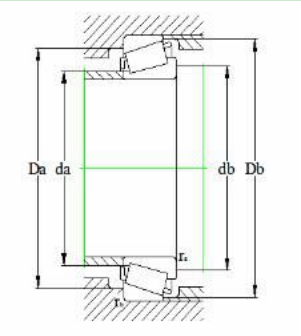
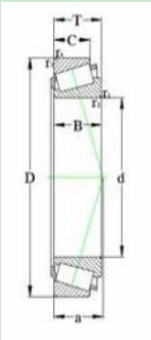
WSW



基本尺寸(mm) Boundary Dimensions							基本额定载荷(kN) Basic Load Ratings		极限转速(rpm) Speed Ratings 脂润滑 油润滑 Grease Oil		作用点 Load Center Spacings a	轴承代号 Bearing Numbers	相关安装尺寸(mm) Abutment and Fillet Dimensions						计算系数 Calculation Factors			质量(kg) Mass 参考 Refer.
d	D	T	B	C	r1.2min	r3.4min	Cr	Cor					d _{max}	d _{bmin}	D _{max}	D _{bmin}	r _{amax}	r _{bmax}	e	Y	Y ₀	
177.8	327.025	90.488	92.075	63.5	6.4	6.4	864	1430	1000	1500	68.3	470978/470128	196	224	290	305	6.4	6.4	0.37	1.63	0.9	31.1
	336.55	79.375	80.963	53.975	3.2	6.4	757	1100	1000	1500	75.7	590900/591326	189	213	286	303	3.2	6.4	0.49	1.22	0.67	28.1
	336.55	90.488	92.075	63.5	13.5	6.4	864	1430	1000	1500	68.3	EE470073/470132	210	224	290	305	13.5	6.4	0.37	1.63	0.9	33.4
	355.6	79.375	77.788	53.975	6.4	6.4	754	1090	1000	1500	83.8	EE607070/607140	196	228	305	324	6.4	6.4	0.55	1.1	0.6	32.7
	360	92.075	88.897	63.5	12.7	3.2	938	1460	1000	1500	75.6	EE420701/421417	208	243	317	334	12.7	3.2	0.4	1.49	0.82	40.5
	365.049	92.075	88.897	63.5	12.7	3.3	875	1340	1000	1500	78.9	EE420701/421437	243	214	332	351	12.7	3.3	0.42	1.4	0.79	41.1
	368.3	92.075	88.897	63.5	12.7	3.3	875	1340	1000	1500	78.9	EE420701/421450	243	214	333	353	12.7	3.3	0.42	1.4	0.79	42
	428.625	106.362	95.25	61.912	6.4	6.4	1070	1390	1000	1500	118.7	EE350701/351687	196	237	350	382	6.4	6.4	0.76	0.79	0.44	64.6
178.595	265.112	51.595	57.15	38.895	3.3	3.3	495	880	1200	1700	47	M336948/M336912	194	196	250	251	3	3	0.33	1.8	1	9.6
179.934	265.112	51.595	57.15	38.895	3.3	3.3	495	880	1200	1700	47	M336949/M336912	194	196	250	251	3	3	0.33	1.8	1	9.6
179.972	317.5	63.5	63.5	46.038	3.5	3.3	575	1060	1200	1700	71	93708/93125	224	206	288	306	3.5	3.3	0.52	1.1	0.63	21.2
	317.5	68.262	63.5	50.8	3.5	3.3	575	1060	1200	1700	75.8	93708/93126	224	206	286	306	3.5	3.3	0.52	1.1	0.63	22.1
179.975	317.5	63.5	63.5	46.038	3.6	3.2	604	1130	1200	1700	71.4	93708/93125	192	227	278	295	3.6	3.2	0.52	1.15	0.63	20.8
179.997	266.7	47.099	46	38.1	6.4	3.2	339	703	1200	1700	57.8	67875/67820	198	211	245	257	6.4	3.2	0.48	1.26	0.69	8.87
180	250	47	45	37	3	2.5	369	695	1200	1700	56	JM736149/JM736110	192	192	240	243	2.5	2.5	0.48	1.25	0.7	6.65
	288.925	63.5	68.262	47.625	7	3.2	628	973	1200	1700	52.2	HM237547/HM237510	199	203	260	270	7	3.2	0.32	1.88	1.04	14.6
180.975	269.875	55.563	55.563	42.863	1.6	3.2	411	805	1100	1600	49.9	M238843/M238810	189	209	246	255	1.6	3.2	0.33	1.8	0.99	10.5
184.15	236.538	26.192	25.4	19.05	1.5	1.5	155	291	1100	1600	38	LL537649/LL537610	199	193	225	230	1.5	1.5	0.37	1.6	0.89	2.66
	266.7	47.625	46.833	38.1	3.5	3.3	345	720	1100	1600	57.9	67883/67820	212	198	246	260	3.5	3.3	0.48	1.3	0.69	8.73
	279.997	46.525	46.833	36	3.6	3.2	339	703	1100	1600	56.7	67883/67830	196	211	245	257	3.6	3.2	0.48	1.26	0.69	10
187.325	266.7	47.625	46.833	38.1	3.5	3.3	345	720	1100	1600	57.9	67884/67820	214	200	246	260	3.5	3.3	0.48	1.3	0.69	8.39
	269.875	55.562	55.562	42.862	3.5	3.3	490	920	1100	1600	49.6	M238849/M238810	211	198	250	261	3.5	3.3	0.33	1.8	0.99	10.1
	282.575	50.8	47.625	36.512	3.5	3.3	360	600	1100	1600	54.8	87737/87111	215	202	262	274	3.5	3.3	0.42	1.4	0.79	9.94
	289.992	46.525	46.833	36	3.6	3.2	339	703	1100	1600	56.7	67884/67835	200	211	245	257	3.6	3.2	0.48	1.26	0.69	10.9
	319.964	88.9	85.725	65.088	5.5	4.8	855	1270	1100	1600	66.3	H239649/H239610	222	202	292	309	5.5	4.8	0.32	1.9	1	25

Single-row Taper Roller Bearing
(Inch Series)

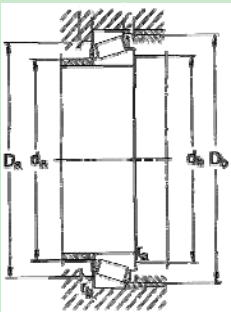
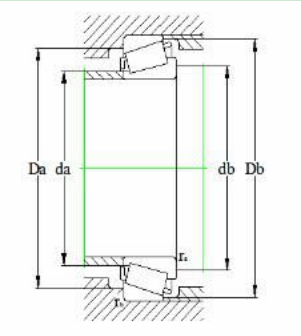
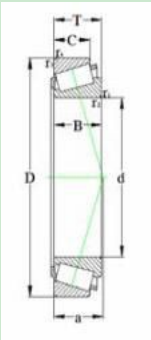
WSW



基本尺寸(mm) Boundary Dimensions							基本额定载荷(kN) Basic Load Ratings		极限转速(rpm) Speed Ratings 脂润滑 油润滑 Grease Oil		作用点 Load Center Spacings a	轴承代号 Bearing Numbers	相关安装尺寸(mm) Abutment and Fillet Dimensions						计算系数 Calculation Factors			质量(kg) Mass 参考 Refer.
d	D	T	B	C	r1.2min	r3.4min	Cr	Cor					d _{max}	d _{bmin}	D _{max}	D _{bmin}	r _a max	r _b max	e	Y	Y ₀	
187.325	320.675	88.9	85.725	65.088	5.5	4.8	855	1270	1100	1600	66.3	H239649/H239612	222	202	292	309	5.5	4.8	0.32	1.9	1	25.2
189.738	279.4	52.388	57.15	41.275	3.3	3.3	523	980	1100	1600	49	M239447/M239410	202	212	266	266	3	3	0.33	1.8	1	11
190	260	46	44	36.5	3	2.5	370	730	1100	1600	56.4	JM738249/JM738210	212	198	241	255	3	2.5	0.48	1.3	0.69	6.94
190.078	266.7	47.099	46	38.1	6.4	3.2	339	703	1100	1600	57.8	67886/67820	208	211	245	257	6.4	3.2	0.48	1.26	0.69	7.82
190.475	279.4	52.388	57.15	41.275	3.3	3.3	523	980	1100	1600	49	M239449/M239410	203	212	266	266	3	3	0.33	1.8	1	11
190.5	266.7	47.625	46.833	38.1	3.5	3.3	345	720	1100	1600	57.9	67885/67820	215	202	246	260	3.5	3.3	0.48	1.3	0.69	8.04
	282.575	50.8	47.625	36.512	3.5	3.3	360	600	1100	1600	54.8	87750/87111	217	204	262	274	3.5	3.3	0.42	1.4	0.79	9.59
	317.5	63.5	63.5	46.038	4.3	3.3	575	1060	1000	1500	71	93750/93125	231	211	288	306	4.3	3.3	0.52	1.1	0.63	19.7
	317.5	68.262	63.5	50.8	4.3	3.3	575	1060	1000	1500	75.8	93750/93126	231	211	286	306	4.3	3.3	0.52	1.1	0.63	20.6
	327.025	90.488	92.075	63.5	6.4	6.4	930	1500	1000	1500	68.6	EE470075/470128	229	206	294	315	6.4	6.4	0.37	1.6	0.9	28.3
	330.2	82.551	84.138	63.5	4.8	6.4	864	1430	1000	1500	68.4	470975/470130	205	224	290	305	4.8	6.4	0.37	1.63	0.9	27.9
	336.55	98.425	95.25	73.025	6.4	6.4	940	1600	1000	1500	93.7	HH840249/HH840210	237	205	292	325	6.4	6.4	0.58	1	0.57	35.7
	339.725	82.551	84.138	63.5	4.8	6.4	864	1430	1000	1500	68.4	470975/470133	205	224	290	305	4.8	6.4	0.37	1.63	0.9	30.4
	339.725	90.488	92.075	63.5	6.4	6.4	864	1430	1000	1500	68.3	EE470075/470133	208	224	290	305	6.4	6.4	0.37	1.63	0.9	31.7
	355.6	79.375	77.788	53.975	6.4	6.4	754	1090	1000	1500	83.8	EE607075/607140	208	228	305	324	6.4	6.4	0.55	1.1	0.6	30.5
	365.049	92.075	88.897	63.5	6.4	3.3	975	1600	1000	1500		EE420751/421437	227	218	329	334	6.4	3.3	0.4	1.49	0.82	42.9
	368.3	92.075	88.897	63.5	6.4	3.3	875	1340	1000	1500	78.9	EE420751/421450	243	220	333	353	6.4	3.3	0.42	1.4	0.79	39.6
	428.625	106.362	95.25	61.912	6.4	6.4	1140	1400	950	1400	119	EE350750/351687	246	213	369	405	6.4	6.4	0.76	0.79	0.44	57.9
191.237	279.4	53.975	58.738	41.275	3.3	3.3	523	980	1100	1600	49	M239448A/M239410	204	212	265	266	3	3	0.33	1.8	1	10.5
192.088	266.7	47.625	46.833	38.1	10.4	3.2	339	703	1100	1600	57.8	67887/67820	218	211	245	257	10.4	3.2	0.48	1.26	0.69	7.6
193.675	282.575	50.8	47.625	36.512	3.5	3.3	360	600	1100	1600	54.8	87762/87111	218	205	262	274	3.5	3.3	0.42	1.4	0.79	9.23
194.975	266.7	47.625	46.833	38.1	3.6	3.2	339	703	1100	1600	57.8	67888/67820	207	211	245	257	3.6	3.2	0.48	1.26	0.69	7.38
196.85	241.3	23.812	23.017	17.462	1.5	1.5	131	293	1100	1600	41.4	LL639249/LL639210	210	204	230	236	1.5	1.5	0.42	1.4	0.79	2.23

Single-row Taper Roller Bearing
(Inch Series)

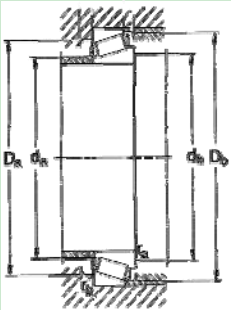
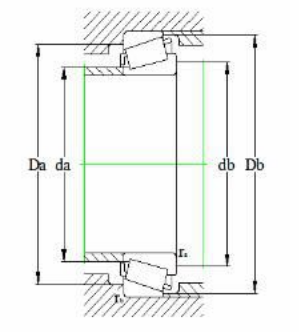
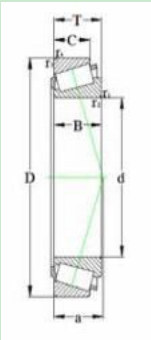
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基本尺寸(mm) Boundary Dimensions							基本额定载荷(kN) Basic Load Ratings		极限转速(rpm) Speed Ratings 脂润滑 油润滑 Grease Oil		作用点 Load Center Spacings a	轴承代号 Bearing Numbers	相关安装尺寸(mm) Abutment and Fillet Dimensions							计算系数 Calculation Factors			质量(kg) Mass 参考 Refer.
d	D	T	B	C	r1.2min	r3.4min	Cr	Cor					d _{max}	d _{bmin}	D _{max}	D _{bmin}	r _{max}	r _{bmax}		e	Y	Y ₀	
196.85	254	28.575	27.783	21.433	1.5	1.5	177	355	1100	1600	42.9	L540049/L540010	213	206	241	247	1.5	1.5		0.4	1.5	0.83	3.48
	257.175	39.688	39.688	30.162	3.5	3.3	271	620	1100	1600	51.3	LM739749/LM739710	218	206	240	251	3.5	3.3		0.45	1.3	0.73	5.33
	266.7	39.688	39.688	30.163	3.6	3.2	268	632	1100	1600	50.6	LM739749/LM739719	209	211	238	247	3.6	3.2		0.45	1.34	0.74	6.18
	317.5	63.5	63.5	46.038	4.3	3.3	575	1060	1100	1600	71	93775/93125	234	214	288	306	4.3	3.3		0.52	1.1	0.63	18.7
	317.5	68.262	63.5	50.8	4.3	3.3	575	1060	1100	1600	75.8	93775/93126	234	214	286	306	4.3	3.3		0.52	1.1	0.63	19.7
198.298	279.4	46.038	49.213	36.513	3.6	3.2	349	707	1100	1600	61.6	67981/67919	211	222	259	272	3.6	3.2		0.51	1.18	0.65	8.75
	282.575	46.038	49.213	36.513	3.6	3.2	349	707	1100	1600	61.6	67981/67920	211	222	259	272	3.6	3.2		0.51	1.18	0.65	9.15
199.949	282.575	46.038	49.213	36.513	3.6	3.2	349	707	1100	1600	61.6	67982/67920	212	222	259	272	3.6	3.2		0.51	1.18	0.65	8.95
199.975	317.5	66.675	70	50.8	4.3	3.2	741	1270	1100	1600	54.4	122978/122125	214	232	289	299	4.3	3.2		0.3	2.02	1.11	19.5
200	300	65	62	51	3.5	2.5	615	1130	950	1400	73.1	JHM840449/JHM840410	230	211	274	292	3.5	2.5		0.52	1.2	0.63	15.5
	310	70	70	53	3	2.5	760	1370	950	1400	67.4	HR32040XJ	231	213	285	302	2.5	2		0.43	1.4	0.77	18.9
200.025	276.225	42.862	46.038	34.133	3.5	3.3	390	780	1000	1500	45	LM241147/LM241110	216	220	261	265	3	3		0.31	1.9	1.1	7.7
	292.1	57.945	57.945	46.038	3.6	3.2	545	1030	1000	1500	52.6	M241543/M241510	213	223	268	278	3.6	3.2		0.33	1.8	0.99	12.1
	292.1	57.945	61.913	46.038	6.4	3.2	545	1030	1000	1500	52.6	M241542/M241510	219	223	268	278	6.4	3.2		0.33	1.8	0.99	12.3
	317.5	63.5	63.5	46.038	4.3	3.3	575	1060	1000	1500	71	93787/93125	235	216	288	306	4.3	3.3		0.52	1.1	0.63	18.3
	317.5	68.262	63.5	50.8	4.3	3.3	575	1060	1000	1500	75.8	93787/93126	235	216	286	306	4.3	3.3		0.52	1.1	0.63	19.2
	333.375	69.85	69.85	52.388	6.4	6.4	690	1190	1000	1500	71.3	HM743337/HM743310	242	222	302	322	6.4	6.4		0.44	1.4	0.75	23.3
	355.6	69.85	69.85	49.212	6.8	1.5	695	1230	1000	1500	59.8	EE130787/131400	250	232	329	340	6.8	1.5		0.33	1.8	0.99	28.3
	384.175	112.712	112.712	90.488	6.4	6.4	1220	2220	1000	1500	84.2	H247535/H247510	258	234	344	369	6.4	6.4		0.33	1.8	0.99	58.8
	393.7	111.125	111.125	84.138	6.4	6.4	1300	2030	1000	1500	78.1	HH144642/HH144614	251	227	352	374	6.4	6.4		0.3	2	1.1	57.4
200.812	292.1	57.945	61.913	46.038	6.4	3.2	545	1030	1000	1500	52.6	M241545/M241510	220	223	268	278	6.4	3.2		0.33	1.8	0.99	12.2
201.612	360	92.075	88.897	63.5	3.3	3.3	875	1340	1000	1500	78.9	EE420793/421417	246	226	329	349	3.3	3.3		0.42	1.4	0.79	34.9
203.2	261.142	28.575	27.783	21.433	1.5	1.5	176	355	1100	1600	43.7	LL641149/LL641110	219	212	247	254	1.5	1.5		0.41	1.5	0.81	3.54
	276.225	42.862	42.862	34.133	3.5	3.3	335	620	1100	1600	44	LM241149/LM241110	224	213	259	269	3.5	3.3		0.32	1.9	1	6.84
	279.4	46.038	46.038	36.513	3.6	3.2	349	707	1100	1600	61.6	67983/67919	216	222	259	272	3.6	3.2		0.51	1.18	0.65	8.04

Single-row Taper Roller Bearing
(Inch Series)

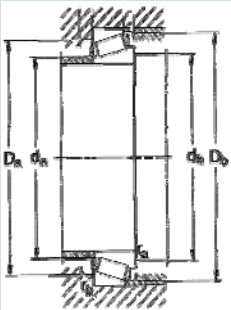
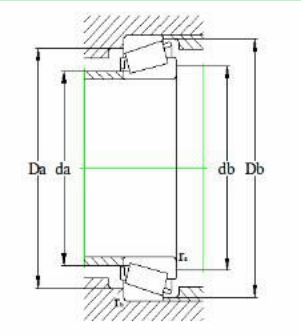
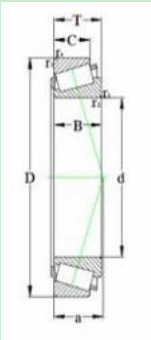
WSW



基本尺寸(mm) Boundary Dimensions							基本额定载荷(kN) Basic Load Ratings		极限转速(rpm) Speed Ratings 脂润滑 油润滑 Grease Oil		作用点 Load Center Spacings a	轴承代号 Bearing Numbers	相关安装尺寸(mm) Abutment and Fillet Dimensions						计算系数 Calculation Factors			质量(kg) Mass 参考 Refer.
d	D	T	B	C	r1.2min	r3.4min	Cr	Cor					d _{amax}	d _{bmin}	D _{amax}	D _{bmin}	r _{amax}	r _{bmax}	e	Y	Y ₀	
203.2	282.575	46.038	46.038	36.512	3.5	3.3	365	800	1100	1600	61.9	67983/67920	230	215	261	276	3.5	3.3	0.51	1.2	0.65	8.85
	292.1	57.945	57.945	46.038	3.6	3.2	545	1030	1100	1600	52.6	M241547/M241510	216	223	268	278	3.6	3.2	0.33	1.8	0.99	11.7
	317.5	53.975	53.975	34.925	4	3.3	460	725	1100	1600	48	EE132083/132125	232	219	293	302	4		0.31	1.9	1.1	13.5
	317.5	63.5	63.5	46.038	4.3	3.3	575	1060	1100	1600	71	93800/93125	237	217	288	306	4.3	3.3	0.52	1.1	0.63	17.8
	317.5	63.5	63.5	46.038	7.9	3.3	575	1060	1100	1600	71	93800A/93125	240	217	288	306	7.9	3.3	0.52	1.1	0.63	17.7
	317.5	66.675	66.675	50.8	4.3	3.3	615	995	1100	1600	55.9	EE122080/122125	234	218	293	305	4.3	3.3	0.3	2	1.1	17.4
	317.5	68.262	63.5	50.8	4.3	3.3	575	1060	1100	1600	75.8	93800/93126	237	217	286	306	4.3	3.3	0.52	1.1	0.63	18.7
	317.5	68.262	63.5	50.8	7.9	3.3	575	1060	1100	1600	75.8	93800A/93126	240	217	286	306	7.9	3.3	0.52	1.1	0.63	18.6
	346.075	79.375	80.962	60.325	1.5	3.3	900	1460	1000	1500		HM542948/HM542911	224	224	315	322	1.5	3.3	0.39	1.55	0.85	28.8
	360	92.075	88.897	63.5	3.3	3.3	875	1340	1000	1500	78.9	EE420801/421417	246	227	329	349	3.3	3.3	0.42	1.4	0.79	34.5
	365.049	92.075	88.897	63.5	3.3	3.3	875	1340	1000	1500	78.9	EE420801/421437	246	227	332	351	3.3	3.3	0.42	1.4	0.79	36
	368.3	92.075	88.897	63.5	3.3	3.3	875	1340	1000	1500	78.9	EE420801/421450	246	227	333	353	3.3	3.3	0.42	1.4	0.79	36.9
	399.928	72	61.913	54	7.1	3.2	788	1100	1000	1500	84.5	EE710806/711574	223	274	354	371	7.1	3.2	0.47	1.27	0.7	36.8
	406.4	92.075	85.725	57.15	6.4	6.4	935	1310	1000	1500	119.9	EE114080/114160	260	226	352	387	6.4	6.4	0.79	0.75	0.42	48.1
	482.6	117.475	95.25	73.025	6.4	6.4	1190	1590	1000	1500	148.6	EE380080/380190	274	236	408	451	6.4	6.4	0.87	0.69	0.38	88.7
203.479	261.142	28.575	31.75	21.433	1.6	1.6	189	394	1000	1500	43.7	LL641148/LL641110	213	220	244	250	1.6	1.6	0.41	1.47	0.81	3.57
203.987	276.225	42.662	46.038	34.133	3.5	3.3	390	780	1000	1500	45	LM241148/LM241110	220	220	261	265	3	3	0.31	1.9	1.1	7.25
	276.225	42.863	46.038	34.132	3.6	3.2	375	715	1000	1500	46.3	LM241148/LM241111	217	221	257	264	3.6	3.2	0.32	1.88	1.04	7.12
204.788	292.1	57.945	57.945	46.038	3.5	3.3	540	1050	1000	1500	52.8	M241549/M241510	229	216	271	283	3.5	3.3	0.33	1.8	0.99	12.1
	317.5	63.5	63.5	46.038	4.3	3.2	604	1130	1000	1500	71.4	93806A/93125	219	227	278	295	4.3	3.2	0.52	1.15	0.63	17.1
206.375	282.575	46.038	46.038	36.512	3.5	3.3	365	800	1000	1500	61.9	67985/67920	231	216	261	276	3.5	3.3	0.51	1.2	0.65	8.48
	282.575	46.038	49.212	36.513	3.6	3.2	349	707	1000	1500	61.6	67987/67920	220	222	259	272	3.6	3.2	0.51	1.18	0.65	8.17
	317.5	53.975	53.975	34.925	4	3.3	460	725	1000	1500	48	EE132084/132125	234	220	293	302	4		0.31	1.9	1.1	13
	317.5	63.5	63.5	46.038	4.3	3.2	64	1130	1000	1500	71.4	93812/93125	221	227	278	295	4.3	3.2	0.52	1.15	0.63	16.9
	319.088	53.975	53.975	34.925	4	3.2	439	724	1000	1500	48.4	EE132084/162127	220	238	285	292	4	3.2	0.31	1.91	1.05	13.6
	336.55	98.425	100.012	77.788	3.3	3.3	1040	1900	900	1300	73.4	H242649/H242610	242	222	306	325	3.3	3.3	0.33	1.8	0.99	32.8
	360	92.075	88.897	63.5	6.4	3.2	938	1460	900	1300	75.6	EE420812X/421417	225	243	317	334	6.4	3.2	0.4	1.49	0.82	34.7

Single-row Taper Roller Bearing
(Inch Series)

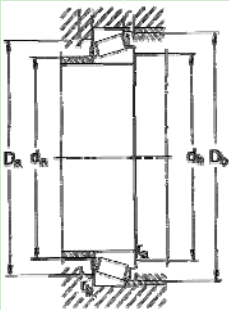
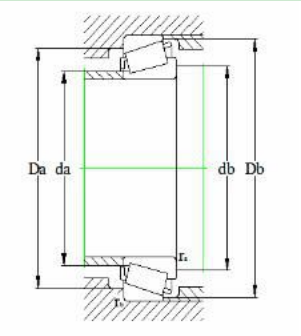
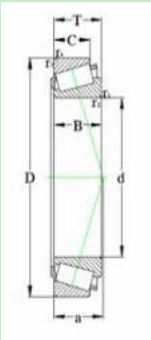
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基本尺寸(mm) Boundary Dimensions							基本额定载荷(kN) Basic Load Ratings		极限转速(rpm) Speed Ratings 脂润滑 油润滑 Grease Oil		作用点 Load Center Spacings a	轴承代号 Bearing Numbers	相关安装尺寸(mm) Abutment and Fillet Dimensions						计算系数 Calculation Factors			质量(kg) Mass 参考 Refer.
d	D	T	B	C	r1.2min	r3.4min	Cr	Cor					d _{amax}	d _{bmin}	D _{amax}	D _{bmin}	r _{amax}	r _{bmax}	e	Y	Y ₀	
206.375	482.6	117.475	95.25	73.025	6.4	6.4	1450	2060	900	1300	152.8	EE380081/380190	225	272	386	428	6.4	6.4	0.87	0.69	0.38	92.7
209.55	282.575	46.038	46.038	36.512	3.5	3.3	365	800	900	1300	61.9	67989/67920	233	218	261	276	3.5	3.3	0.51	1.2	0.65	8.11
	317.5	63.5	63.5	46.038	4.3	3.3	575	1060	1000	1500	71	93825/93125	240	221	288	306	4.3	3.3	0.52	1.1	0.63	16.7
	317.5	63.5	63.5	46.038	12.7	3.3	575	1060	1000	1500	71	93825A/93125	248	221	288	306	12.7	3.3	0.52	1.1	0.63	16.6
	317.5	68.262	63.5	50.8	4.3	3.3	575	1060	1000	1500	75.8	93825/93126	240	221	286	306	4.3	3.3	0.52	1.1	0.63	17.6
	317.5	68.262	63.5	50.8	12.7	3.3	575	1060	1000	1500	75.8	93825A/93126	248	221	286	306	12.7	3.3	0.52	1.1	0.63	17.5
	333.375	69.85	69.85	52.388	6.4	6.4	690	1190	1000	1500	71.3	HM743345/HM743310	247	227	302	322	6.4	6.4	0.44	1.4	0.75	21.7
	355.6	68.262	66.675	47.625	7	3.3	605	1170	1000	1500	85.9	96825/96140	260	236	321	343	7	3.3	0.59	1	0.56	26.7
212.725	285.75	46.038	46.038	34.925	3.5	3.3	350	755	1000	1500	60.4	LM742745/LM742710	237	224	267	280	3.5	3.3	0.48	1.2	0.69	8.15
	336.55	65.088	65.088	50.8	6.4	3.2	708	1380	1000	1500	59.9	M246932/M246910	232	258	309	320	6.4	3.2	0.33	1.8	0.99	21.6
215.9	285.75	46.038	46.038	34.925	3.6	3.2	356	781	1000	1500	60.7	LM742748/LM742710	229	231	265	276	3.6	3.2	0.48	1.25	0.69	7.55
	285.75	46.038	46.038	34.925	3.5	3.3	350	755	1000	1500	60.4	LM742749/LM742710	239	225	267	280	3.5	3.3	0.48	1.2	0.69	7.77
	290.01	31.75	31.75	22.225	3.5	3.3	225	455	1000	1500	45.3	543085/543114	237	228	271	279	3.5	3.3	0.39	1.5	0.85	5.49
	355.6	69.85	69.85	49.212	6.8	1.5	695	1230	1000	1500	59.8	EE130852/131400	258	240	329	340	6.8	1.5	0.33	1.8	0.99	25.4
	355.6	69.85	69.85	49.213	6.7	1.6	727	1310	1000	1500	59.9	EE130851/131400	235	263	319	330	6.7	1.6	0.33	1.82	1	25.9
	360	82.55	79.372	63.5	1.6	3.2	938	1460	1000	1500	75.7	EE420850/421417	225	243	317	334	1.6	3.2	0.4	1.49	0.82	30.9
216.408	285.75	46.038	49.212	34.925	3.5	3.3	352	780	1000	1500	60	LM742747/LM742710	230	230	271	277	3	3	0.48	1.25	0.7	7.85
216.713	285.75	46.038	49.212	34.925	3.5	3.3	352	780	1000	1500	60	LM742747A/LM742710	230	230	271	277	3	3	0.48	1.25	0.7	7.8
219.916	406.4	63.5	61.913	39.688	7.1	6.4	788	1100	1000	1500	76	EE710865/711600	240	274	355	367	7.1	6.4	0.47	1.27	0.7	32.1
219.969	290.01	31.75	31.75	22.225	3.5	3.3	225	455	1000	1500	45.3	543086/543114	239	231	271	279	3.5	3.3	0.39	1.5	0.85	5.14
	292.009	31.75	31.75	22.225	3.6	3.2	231	472	1000	1500	45.1	543086/543116	233	238	267	272	3.6	3.2	0.38	1.56	0.86	5.27
220.116	317.5	47.625	52.338	36.512	3.3	3.3	523	980	900	1300	49	LM245832/LM245810	235	249	302	304	3	3	0.31	1.9	1.1	12.5
220.662	314.325	61.912	61.912	49.212	6.4	3.3	595	1190	900	1300	57	M244249/M244210	250	233	292	305	6.4	3.3	0.33	1.8	0.99	14.9
220.878	317.5	47.625	52.338	36.512	3.3	3.3	523	980	900	1300	49	LM245833/LM245810	336	249	302	304	3	3	0.31	1.9	1.1	12.5

Single-row Taper Roller Bearing
(Inch Series)

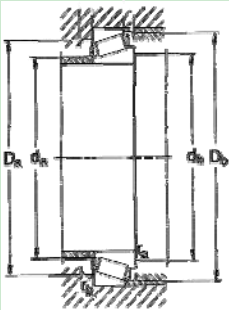
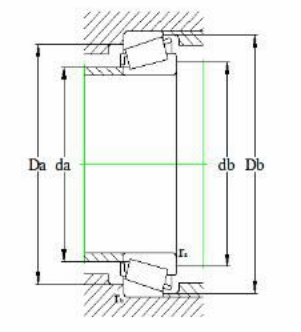
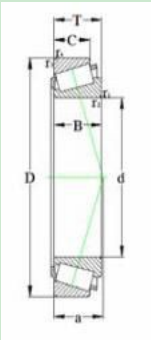
WSW



基本尺寸(mm) Boundary Dimensions							基本额定载荷(kN) Basic Load Ratings		极限转速(rpm) Speed Ratings 脂润滑 油润滑 Grease Oil		作用点 Load Center Spacings a	轴承代号 Bearing Numbers	相关安装尺寸(mm) Abutment and Fillet Dimensions						计算系数 Calculation Factors			质量(kg) Mass 参考 Refer.
d	D	T	B	C	r1.2min	r3.4min	Cr	Cor					d _{max}	d _{bmin}	D _{max}	D _{bmin}	r _{max}	r _{bmax}	e	Y	Y ₀	
222.25	482.6	117.475	95.25	73.025	6.4	6.4	1450	2060	900	1300	152.8	EE380875/380190	241	272	386	428	6.4	6.4	0.87	0.69	0.38	88.8
223.838	295.275	46.038	46.038	34.925	3.6	3.2	360	792	900	1300	63.1	LM844049/LM844010	237	239	274	286	3.6	3.2	0.5	1.2	0.66	8.01
225.425	355.6	69.85	69.85	49.212	6.8	1.5	695	1230	900	1300	59.8	EE130889/131400	263	245	329	340	6.8	1.5	0.33	1.8	0.99	23.6
	400.05	88.9	87.312	63.5	1.5	3.3	945	1510	900	1300	82	EE430888/431575	266	246	359	379	1.5	3.3	0.44	1.4	0.75	42.6
227.33	406.4	63.5	61.913	39.688	7.1	6.4	788	1100	900	1300	76	EE710905/711600	248	274	355	367	7.1	6.4	0.47	1.27	0.7	30.9
228.397	431.8	92.075	85.725	49.212	6.4	6.4	885	1320	900	1300	132.5	EE113089/113170	287	256	378	410	6.4	6.4	0.88	0.68	0.38	49
	459.892	85.344	85.725	42.482	6.4	3.2	994	1450	900	1300	128.1	EE113089/113181	247	275	372	397	6.4	3.2	0.88	0.68	0.37	55
228.46	431.8	92.075	85.725	49.212	6.4	6.4	885	1320	900	1300	132.5	EE113091/113170	287	256	378	410	6.4	6.4	0.88	0.68	0.38	49
228.6	295.275	33.338	31.75	23.812	3.5	3.3	224	460	900	1300	49.6	544090/544116	250	240	279	288	3.5	3.3	0.4	1.5	0.82	5.25
	300.038	33.338	31.75	23.812	3.5	3.3	224	460	900	1300	49.6	544090/544118	250	240	282	291	3.5	3.3	0.4	1.5	0.82	5.66
	320.675	50.8	49.212	33.338	6.4	3.3	445	840	900	1300	65.4	88900/88126	260	242	300	312	6.4	3.3	0.48	1.2	0.68	11.6
	327.025	52.388	49.212	34.925	6.4	3.3	445	840	900	1300	67	88900/88128	260	242	302	315	6.4	3.3	0.48	1.2	0.68	12.7
	327.025	52.388	52.388	36.512	6.4	3.3	470	940	900	1300	59.6	8573/8520	261	244	304	317	6.4	3.3	0.41	1.5	0.81	13.3
	355.6	68.262	66.675	47.625	7	3.3	605	1170	900	1300	85.9	96900/96140	270	246	321	343	7	3.3	0.59	1	0.56	23.3
	355.6	69.85	69.85	49.212	6.8	1.5	695	1230	900	1300	59.8	EE130902/131400	265	246	329	340	6.8	1.5	0.33	1.8	0.99	23
	355.6	69.85	69.85	50.8	6.4	6.4	772	1370	900	1300	77	HM746645/HM746610	247	261	322	338	6.4	6.4	0.47	1.27	0.7	24
	355.6	69.85	69.85	50.8	6.4	6.4	765	1300	900	1300	75.6	HM746646/HM746610	266	244	324	345	6.4	6.4	0.47	1.3	0.7	23.1
	358.775	71.438	71.438	53.975	3.6	3.2	773	1590	900	1300	64.4	M249732/M249710	242	279	330	342	3.6	3.2	0.33	1.8	0.99	26.6
	399.928	72	61.913	54	7.1	3.2	788	1100	900	1300	84.5	EE710906/711574	249	274	354	371	7.1	3.2	0.47	1.27	0.7	32.6
	400.05	88.9	87.312	63.5	10.4	3.3	945	1510	900	1300	82	EE430900/431575	277	248	359	379	10.4	3.3	0.44	1.4	0.75	41.7
	400.05	88.9	87.312	63.5	19.8	3.3	945	1510	900	1300	82	EE430902/431575	286	248	359	379	19.8	3.3	0.44	1.4	0.75	41.3
	425.45	101.6	95.25	76.2	7	6.4	1280	2000	900	1300	80.8	EE700091/700167	281	257	384	406	7	6.4	0.33	1.8	0.99	57
	488.95	123.825	111.125	73.025	6.4	6.4	1600	2500	900	1300	166.5	HH949549/HH949510	307	264	420	470	6.4	6.4	0.94	0.64	0.35	103
	508	117.475	95.25	73.025	6.4	6.4	1240	1780	900	1300	168.3	EE390090/390200	305	266	429	479	6.4	6.4	0.94	0.64	0.35	96.5
	230.188	317.5	47.625	52.338	3.3	3.3	523	980	900	1300	49	LM245846/LM245810	246	249	302	304	3	3	0.31	1.9	1.1	11

Single-row Taper Roller Bearing
(Inch Series)

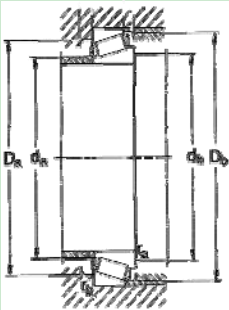
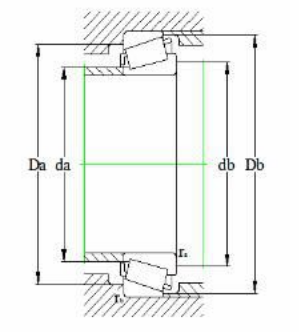
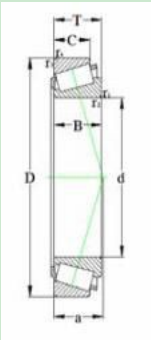
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基本尺寸(mm) Boundary Dimensions							基本额定载荷(kN) Basic Load Ratings		极限转速(rpm) Speed Ratings 脂润滑 油润滑 Grease Oil		作用点 Load Center Spacings a	轴承代号 Bearing Numbers	相关安装尺寸(mm) Abutment and Fillet Dimensions						计算系数 Calculation Factors			质量(kg) Mass 参考 Refer.
d	D	T	B	C	r1.2min	r3.4min	Cr	Cor					d _{max}	d _{bmin}	D _{max}	D _{bmin}	r _{max}	r _{bmax}	e	Y	Y ₀	
231.775	268.288	22.499	21.501	18.499	2	2	130	317	900	1300	38.1	LL244549/LL244510	242	240	258	262	2	2	0.33	1.8	0.99	1.82
	295.275	33.338	31.75	23.812	3.5	3.3	224	460	900	1300	49.6	544091/544116	251	241	279	288	3.5	3.3	4	1.5	0.82	4.96
	300.038	33.338	31.75	23.812	3.5	3.3	224	460	900	1300	49.6	544091/544118	251	241	282	291	3.5	3.3	0.4	1.5	0.82	5.38
	317.5	47.625	52.338	36.512	3.3	3.3	523	980	900	1300	49	LM245848/LM245810	248	249	302	304	3	3	0.31	1.9	1.1	10.5
	336.55	65.088	65.088	50.8	6.4	3.3	640	1270	900	1300	60.1	M246942/M246910	265	247	313	326	6.4	3.3	0.33	1.8	0.99	18.4
	336.55	65.088	69.85	50.8	6.4	3.2	708	1380	900	1300	59.9	M246943/M246910	251	258	309	320	6.4	3.2	0.33	1.8	0.99	18.6
	358.775	71.438	71.438	53.975	6.4	3.2	773	1590	900	1300	64.4	M249734/M249710	251	279	330	342	6.4	3.2	0.33	1.8	0.99	26.3
	377.825	79.375	80.963	58.738	3.2	3.2	958	1630	900	1300	77.6	HM647448/HM647411	244	266	337	353	3.2	3.2	0.43	1.4	0.77	32.9
	358.775	71.438	71.438	53.975	6.4	3.3	760	1540	900	1300	64.6	M249743/M249710	276	256	335	348	6.4	3.3	0.33	1.8	0.99	26.2
	311.15	46.038	46.038	33.338	3.6	3.2	407	825	900	1300	52.4	LM446349/LM446310	248	253	290	298	3.6	3.2	0.36	1.66	0.91	8.73
	314.325	49.212	49.212	36.512	3.5	3.3	455	955	900	1300	57.4	LM545849/LM545810	260	247	296	309	3.5	3.3	0.4	1.5	0.83	10.4
	317.5	49.213	49.213	36.513	3.6	3.2	485	981	900	1300	57.5	LM545849/LM545812	248	252	294	303	3.6	3.2	0.4	1.51	0.83	10.6
234.95	320.675	50.8	49.212	33.338	6.4	3.3	445	840	900	1300	65.4	88925/88126	263	246	300	312	6.4	3.3	0.48	1.2	0.68	10.7
	327.025	52.388	49.212	34.925	6.4	3.3	445	840	900	1300	67	88925/88128	263	246	302	315	6.4	3.3	0.48	1.2	0.68	11.8
	327.025	52.388	52.388	36.513	6.4	3.2	468	930	900	1300	60	8574/8520	254	258	300	310	6.4	3.2	0.41	1.48	0.81	12.2
	327.025	52.388	52.388	36.512	6.4	3.3	470	940	900	1300	59.6	8575/8520	264	248	304	317	6.4	3.3	0.41	1.5	0.81	12.4
	328.625	52.388	52.388	36.513	6.4	3.2	468	930	900	1300	60	8575/8522	254	258	300	310	6.4	3.2	0.41	1.48	0.81	12.4
	355.6	68.262	66.675	47.625	7	3.3	605	1170	900	1300	85.9	96925/96140	273	249	321	343	7	3.3	0.59	1	0.56	22.1
	381	74.613	74.613	57.15	6.4	3.2	854	1670	900	1300	69	M252330/M252310	254	294	351	363	6.4	3.2	0.33	1.8	0.99	32.5
	384.175	112.713	112.712	90.488	6.4	6.4	1450	2680	900	1300	83.8	H247548/H247510	254	265	342	362	6.4	6.4	0.33	1.8	0.99	50
	384.175	112.712	112.712	90.488	6.4	6.4	1220	2220	900	1300	84.2	H247549/H247510	276	251	344	369	6.4	6.4	0.33	1.8	0.99	48.2
	320.675	44.45	44.45	33.338	3.6	3.2	409	755	900	1300	64.4	88931/88126	250	254	298	309	3.6	3.2	0.48	1.24	0.68	9.24
	336.55	65.088	65.088	50.8	6.4	3.3	640	1270	900	1300	60.1	M246949/M246910	268	250	313	326	6.4	3.3	0.33	1.8	0.99	17.3
	358.775	71.438	71.438	53.975	6.4	3.3	760	1540	900	1300	64.6	M249736/M249710	279	259	335	348	6.4	3.3	0.33	1.8	0.99	25
241.122	368.3	68.262	68.262	53.975	6.4	3.3	685	1210	900	1300	65.3	EE125094/125145	277	258	339	354	6.4	3.3	0.34	1.7	0.96	24.1
241.3	327.025	52.388	52.388	36.512	6.4	3.3	470	940	900	1300	59.6	8578/8520	267	250	304	317	6.4	3.3	0.41	1.5	0.81	11.4
	355.6	50.8	50.8	33.338	6.4	3.2	508	924	900	1300	56.1	EE170950/171400	260	280	328	336	6.4	3.2	0.36	1.65	0.91	16.1

Single-row Taper Roller Bearing
(Inch Series)

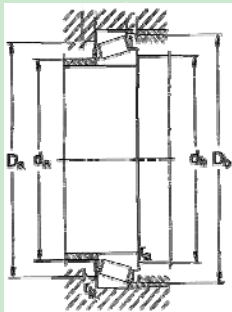
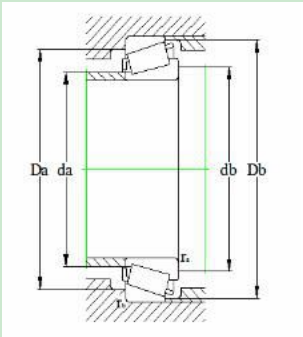
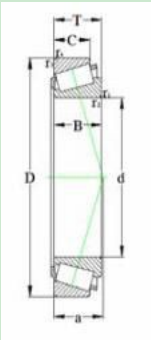
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基本尺寸(mm) Boundary Dimensions							基本额定载荷(kN) Basic Load Ratings		极限转速(rpm) Speed Ratings 脂润滑 油润滑 Grease Oil		作用点 Load Center Spacings a	轴承代号 Bearing Numbers	相关安装尺寸(mm) Abutment and Fillet Dimensions						计算系数 Calculation Factors			质量(kg) Mass 参考 Refer.	
d	D	T	B	C	r1.2min	r3.4min	Cr	Cor					d _{max}	d _{bmin}	D _{max}	D _{bmin}	r _{max}	r _{bmax}	e	Y	Y ₀		
241.3	349.148	57.15	57.15	44.45	6.4	3.3	570	1060	900	1300	59.5	EE127095/127135	274	257	325	338	6.4	3.3	0.35	1.7	0.93	16.8	
	355.6	50.8	50.8	33.338	6.4	3.3	460	815	900	1300	56	EE170950/171400	275	260	331	341	6.4	3.3	0.36	1.7	0.91	15.2	
	355.6	57.15	57.15	44.45	6.4	3.3	570	1060	900	1300	59.5	EE127095/127140	274	257	328	341	6.4	3.3	0.35	1.7	0.93	18	
	365.049	50.8	50.8	33.338	6.4	3.2	508	924	900	1300	56.1	EE170950/171436	260	280	328	336	6.4	3.2	0.36	1.65	0.91	17.4	
	368.3	50.8	50.8	33.338	6.4	3.3	460	815	900	1300	56	EE170950/171450	275	260	338	348	6.4	3.3	0.36	1.7	0.91	17.1	
	368.3	68.262	68.262	53.975	6.4	3.3	685	1210	900	1300	65.3	EE125095/125145	278	258	339	354	6.4	3.3	0.34	1.7	0.96	24.1	
	393.7	73.817	69.85	50.005	6.4	6.4	700	1280	900	1300	76.1	EE275095/275155	293	274	364	382	6.4	6.4	0.4	1.5	0.82	32.3	
	406.4	69.85	69.85	46.038	6.4	6.4	700	1280	800	1100	72.1	EE275095/275160	293	274	371	389	6.4	6.4	0.4	1.5	0.82	34.3	
	444.5	101.6	100.012	76.2	6.4	4.8	1410	2240	800	1100	84.4	EE923095/923175	295	273	403	423	6.4	4.8	0.34	1.8	0.98	65.4	
	488.95	120.65	120.65	92.075	6.4	6.4	1720	2860	800	1100	92.8	EE295950/295193	315	288	445	469	6.4	6.4	0.31	1.9	1.1	101	
	508	117.475	95.25	73.025	6.4	6.4	1240	1780	800	1100	168.3	EE390095/390200	312	272	429	479	6.4	6.4	0.94	0.64	0.35	93	
	243.683	315.913	31.75	31.75	22.225	3.6	3.2	241	549	800	1100	54	LL648434/LL648415	257	268	295	301	3.6	3.2	0.43	1.39	0.77	6
244.475	381	79.375	76.2	57.15	6.4	4.8	820	1540	800	1100	87.5	EE126097/126150	286	261	344	367	6.4	4.8	0.52	1.2	0.64	30.7	
	425.45	93.6663	87.313	76.2	1.6	6.4	1180	1980	800	1100	81.2	EE700096/700167	254	285	364	381	1.6	6.4	0.33	1.8	0.99	52.4	
247.65	304.8	22.225	22.225	15.875	1.6	1.6	155	322	800	1100	38.8	28880/28820	257	262	285	289	1.6	1.6	0.32	1.85	1.02	3.05	
	346.075	63.5	63.5	50.8	6.4	6.4	726	1440	800	1100	61.7	M348449/M348410	267	268	319	331	6.4	6.4	0.34	1.75	0.96	17.4	
	355.6	50.8	50.8	33.338	6.4	3.3	460	815	800	1100	56	EE170975/171400	278	263	331	341	6.4	3.3	0.36	1.7	0.91	14.2	
	368.3	50.8	50.8	33.338	6.4	3.3	460	815	800	1100	56	EE170975/171450	278	263	338	348	6.4	3.3	0.36	1.7	0.91	16.1	
	381	74.613	74.613	57.15	6.4	3.2	854	1670	800	1100	69	M252337/M252310	267	294	351	363	6.4	3.2	0.33	1.8	0.99	29.7	
	406.4	115.888	117.475	93.662	6.4	6.4	1530	2920	800	1100	87.4	HH249949/HH249910	293	266	366	392	6.4	6.4	0.33	1.8	0.99	58.2	
	444.5	104.775	103.188	76.2	6.4	4.8	1560	2460	800	1100	85.3	EE115097/115175	267	296	395	412	6.4	4.8	0.35	1.73	0.95	65	
	603.25	160.338	158.75	122.238	6.4	9.5	3070	4210	800	1100	127.4	EE515097/515237	267	345	520	545	6.4	9.5	0.38	1.57	0.86	224	
	249.25	381	79.375	76.2	57.15	6.4	4.8	788	1470	800	1100	88.5	EE126098/126150	268	27.8	337	356	6.4	4.8	0.52	1.16	0.64	29.5
	254	315.913	31.75	31.75	22.225	3.6	4.8	241	549	800	1100	54	LL648449/LL648416	267	268	295	301	3.6	4.8	0.43	1.39	0.77	4.99
	317.5	22.225	22.225	15.875	1.5	1.5	153	380	800	1100	43.4	29875/29819	276	271	307	311	1.5	1.5	0.35	1.7	0.95	4.18	
	323.85	22.225	22.225	15.875	1.5	1.5	153	380	800	1100	43.4	29875/29820	276	271	310	315	1.5	1.5	0.35	1.7	0.95	4.57	

Single-row Taper Roller Bearing
(Inch Series)

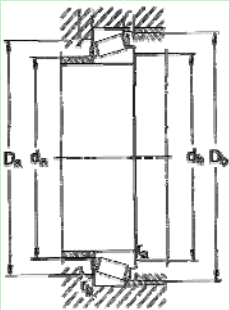
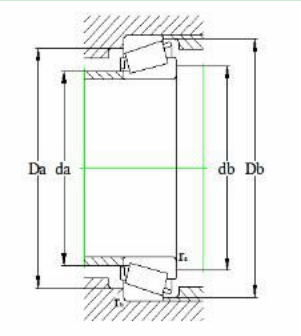
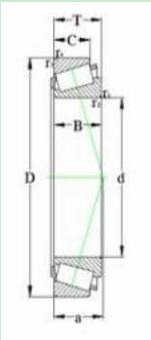
WSW



基本尺寸(mm) Boundary Dimensions							基本额定载荷(kN) Basic Load Ratings		极限转速(rpm) Speed Ratings 脂润滑 油润滑 Grease Oil		作用点 Load Center Spacings a	轴承代号 Bearing Numbers	相关安装尺寸(mm) Abutment and Fillet Dimensions						计算系数 Calculation Factors			质量(kg) Mass 参考 Refer.
d	D	T	B	C	r1.2min	r3.4min	Cr	Cor					d _{max}	d _{bmin}	D _{max}	D _{bmin}	r _{max}	r _{bmax}	e	Y	Y ₀	
254	358.775	71.438	71.438	53.975	3.5	3.3	760	1540	800	1100	64.6	HH249749/HH249710	284	267	335	348	3.5	3.3	0.33	1.8	0.99	21.5
	365.125	58.738	58.738	42.862	6.4	6.4	580	1100	800	1100	64.2	EE134100/134143	289	272	339	354	6.4	6.4	0.37	1.6	0.88	18.4
	368.3	58.738	58.738	42.862	6.4	6.4	580	1100	800	1100	64.2	EE134100/134145	289	272	340	356	6.4	6.4	0.37	1.6	0.88	19.1
	393.7	73.817	69.85	50.005	6.4	6.4	700	1280	800	1100	76.1	EE275100/275155	299	280	364	382	6.4	6.4	0.4	1.5	0.82	29.6
	403.225	69.85	69.85	46.038	6.4	6.4	738	1540	700	1000	71.5	EE275100/275158	273	313	365	378	6.4	6.4	0.4	1.49	0.82	32.5
	422.275	86.121	79.771	66.675	6.7	3.2	1010	1680	700	1000	78.7	HM252343/HM252310	273	309	384	399	6.7	3.2	0.33	1.8	0.99	42.7
	422.275	86.121	79.771	66.675	6.7	3.2	1010	1680	700	1000	78.7	HM252344/HM252310	273	309	384	399	6.7	3.2	0.33	1.8	0.99	42.7
	444.5	76.2	73.025	50.8	6.4	6.4	860	1380	700	1000	81	EE822100/822175	273	316	392	406	6.4	6.4	0.42	1.44	0.79	43
	444.5	76.2	76.2	50.8	6.4	6.4	860	1380	700	1000	81	EE822100X/822175	273	316	392	406	6.4	6.4	0.42	1.44	0.79	43.6
	400.05	57.15	55.562	41.275	3.3	1.5	635	1050	700	1000	61.2	EE251001/251575	291	276	372	381	3.3	1.5	0.33	1.8	1	24.3
	422.275	86.121	79.771	66.675	6.8	3.3	1140	1850	700	1000	77.6	HM252343/HM252310	301	278	392	408	6.8	3.3	0.33	1.8	0.99	43.2
	431.724	82.55	79.771	60.325	6.8	3.5	1140	1850	700	1000	74.1	HM252343/HM252315	301	278	397	413	6.8	3.5	0.33	1.8	0.99	44.9
	444.5	76.2	73.025	50.8	6.4	6.4	995	1500	700	1000	71.1	EE822100/822175	302	281	405	421	6.4	6.4	0.34	1.8	0.97	42.7
	495.3	76.2	74.612	53.975	6.4	3.3	1080	1790	700	1000	85.1	EE941002/941950	327	304	455	471	6.4	3.3	0.4	1.5	0.83	64
	495.3	141.288	141.288	114.3	6.4	6.4	2330	4670	700	1000	108.1	HH258232/HH258210	273	346	442	467	6.4	6.4	0.33	1.8	0.99	128
	533.4	133.35	120.65	77.788	6.4	6.4	1840	2770	600	800	177.9	HH953749/HH953710	332	285	457	511	6.4	6.4	0.94	0.64	0.35	127
255.6	342.9	57.15	63.5	44.45	1.6	3.2	612	1280	700	1000	60.1	M349546XX/M349510	265	276	321	331	1.6	3.2	0.35	1.73	0.95	14.1
	342.9	57.15	63.5	44.45	1.6	3.2	612	1280	700	1000	60.1	M349547/M349510	265	276	321	331	1.6	3.2	0.35	1.73	0.95	14.1
257.175	342.9	57.15	57.15	44.45	6.4	3.3	560	1190	850	1200	59.6	M349549/M349510	285	269	323	336	6.4	3.3	0.35	1.7	0.94	14.1
	358.775	71.438	76.2	53.975	1.6	3.2	773	1590	850	1200	64.4	M249747/M249710	266	279	330	342	1.6	3.2	0.33	1.8	0.99	21
258.763	400.05	69.85	67.47	46.038	9.5	6.4	759	1280	850	1200	71.2	EE221018/221575	284	295	359	371	9.5	6.4	0.39	1.52	0.84	26.7
260.35	365.125	58.738	58.738	42.862	6.4	6.4	580	1100	850	1200	64.2	EE134102/134143	293	275	339	354	6.4	6.4	0.37	1.6	0.88	17.3
	368.3	58.738	58.738	42.862	6.4	6.4	580	1100	850	1200	64.2	EE134102/134145	293	275	340	356	6.4	6.4	0.37	1.6	0.88	17.9
260.35	400.05	69.85	67.47	46.038	9.7	6.4	735	1220	800	1100	71.4	EE221026/221575	300	278	366	383	9.7	6.4	0.39	1.5	0.84	26.7
	406.4	69.85	67.673	53.975	3.3	3.3	750	1430	800	1100	73.5	EE128102/128160	302	285	376	391	3.3	3.3	0.39	1.6	0.86	31.8
	419.1	85.725	84.138	61.912	6.4	3.3	960	1820	800	1100	106	EE435102/435165	310	281	378	405	6.4	3.3	0.61	0.99	0.54	42.9

Single-row Taper Roller Bearing
(Inch Series)

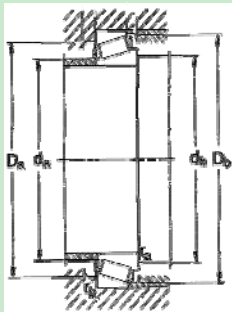
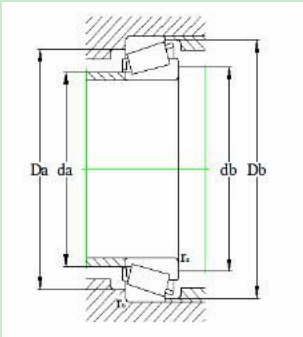
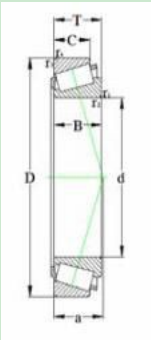
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基本尺寸(mm) Boundary Dimensions							基本额定载荷(kN) Basic Load Ratings		极限转速(rpm) Speed Ratings 脂润滑 油润滑 Grease Oil		作用点 Load Center Spacings a	轴承代号 Bearing Numbers	相关安装尺寸(mm) Abutment and Fillet Dimensions						计算系数 Calculation Factors			质量(kg) Mass 参考 Refer.
d	D	T	B	C	r1.2min	r3.4min	Cr	Cor					d _{max}	d _{bmin}	D _{max}	D _{bmin}	r _{max}	r _{bmax}	e	Y	Y ₀	
260.35	422.275	86.121	79.771	66.675	6.7	3.2	1010	1680	800	1100	78.7	HM252348/HM252310	280	309	384	399	6.7	3.2	0.33	1.8	0.99	41.2
	422.275	86.121	79.771	66.675	6.8	3.3	1140	1850	800	1100	77.6	HM252349/HM252310	304	282	392	408	6.8	3.3	0.33	1.8	0.99	41.6
	422.275	86.124	79.771	66.675	6.8	3.3	975	1590	800	1100	77.3	EE551026/551662	302	281	387	404	6.8	3.3	0.33	1.8	0.99	41
	431.724	82.55	79.771	60.325	6.7	3.6	1010	1680	800	1100	75.2	HM252348/HM252315	280	309	385	398	6.7	3.6	0.33	1.8	0.99	42.9
262.975	431.724	82.55	79.771	60.325	6.8	3.5	1140	1850	800	1100	74.1	HM252349/HM252315	304	282	397	413	6.8	3.5	0.33	1.8	0.99	43.3
	488.95	120.65	120.65	92.075	6.4	6.4	1720	2860	800	1100	92.8	EE295102/295193	325	297	445	469	6.4	6.4	0.31	1.9	1.1	93.8
	355.6	57.15	62	44.45	3.6	3.2	605	1280	900	1300	62.3	LM451344/LM451310	276	287	332	343	3.6	3.2	0.36	1.67	0.92	15.7
	263.525	325.438	28.575	28.575	25.4	1.5	228	555	900	1300	46.6	38880/38820	281	274	312	318	1.5	1.5	0.35	1.7	0.95	5.3
264.975	355.6	57.15	57.15	44.45	3.5	3.3	615	1260	850	1200	62.4	LM451345/LM451310	290	276	335	348	3.5	3.3	0.36	1.6	0.9	15.3
	352.425	36.513	34.925	23.813	3.6	3.2	310	653	850	1200	71.2	L853042/L853010	278	295	329	338	3.6	3.2	0.54	1.11	0.61	8.82
	355.6	57.15	62	44.45	3.6	3.2	605	1280	850	1200	62.3	LM451347/LM451310	278	287	332	343	3.6	3.2	0.36	1.67	0.92	15.3
	266.7	323.85	22.225	22.225	15.875	1.5	153	380	850	1200	43.4	29880/29820	282	277	310	315	1.5	1.5	0.35	1.7	0.95	3.67
266.7	325.438	28.575	28.575	25.4	1.5	1.5	228	555	850	1200	46.6	38885/38820	283	276	312	318	1.5	1.5	0.35	1.7	0.95	5
	325.438	28.575	33.47	25.4	1.6	1.6	217	7	850	1200	48.6	38886/38820XX	276	281	306	312	1.6	1.6	0.37	1.64	0.9	4.97
	355.6	57.15	57.15	44.45	3.5	3.3	615	1260	850	1200	62.4	LM451349/LM451310	292	277	335	348	3.5	3.3	0.36	1.6	0.9	14.7
	355.6	57.15	57.15	44.4	10.4	3.2	605	1280	850	1200	62.3	LM451349A/LM451311	294	287	332	343	10.4	3.2	0.36	1.67	0.92	14.5
269.875	393.7	73.817	69.85	50.005	6.4	6.4	700	1280	850	1200	76.1	EE275105/275155	306	286	364	382	6.4	6.4	0.4	1.5	0.82	26.7
	406.4	69.85	69.85	46.038	6.4	6.4	700	1280	850	1200	72.1	EE275105/275160	306	286	371	389	6.4	6.4	0.4	1.5	0.82	28.8
	422.275	86.121	79.771	66.675	6.8	3.2	1010	1680	850	1200	78.7	HM252349A/HM252310	286	309	384	399	6.8	3.2	0.33	1.8	0.99	39.5
	431.724	82.55	79.771	60.325	6.7	3.6	980	1710	850	1200	74.3	EE551050/551700	286	304	375	388	6.7	3.6	0.33	1.8	0.99	40.9
273.05	422.275	86.124	79.771	66.675	6.8	3.3	975	1590	850	1200	77.3	EE551050/551662	306	284	387	404	6.8	3.3	0.33	1.8	0.99	39.4
	444.5	120.65	117.475	88.9	6.4	6.4	1610	3050	850	1200	119.9	H852849/H852810	320	282	392	431	6.4	6.4	0.58	1	0.57	72
	381	74.612	74.612	57.15	6.4	3.3	790	1590	850	1200	68.8	M252349/M252310	304	285	356	370	6.4	3.3	0.33	1.8	0.99	24.8
	273.05	317.5	22.225	22.225	15.875	1.6	147	361	850	1200	43	29888/29819	282	284	304	307	1.6	1.6	0.35	1.73	0.95	2.61
273.05	393.7	73.817	69.85	50.005	6.4	6.4	700	1280	850	1200	76.1	EE275108/275155	309	290	364	382	6.4	6.4	0.4	1.5	0.82	25.2
	406.4	69.85	69.85	46.038	6.4	6.4	700	1280	850	1200	72.1	EE275108/275160	309	290	371	389	6.4	6.4	0.4	1.5	0.82	27.3

Single-row Taper Roller Bearing
(Inch Series)

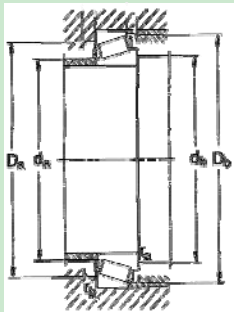
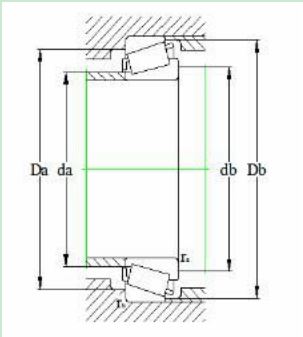
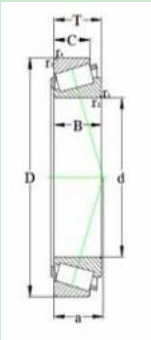
WSW



基本尺寸(mm) Boundary Dimensions							基本额定载荷(kN) Basic Load Ratings		极限转速(rpm) Speed Ratings 脂润滑 油润滑 Grease Oil		作用点 Load Center Spacings a	轴承代号 Bearing Numbers	相关安装尺寸(mm) Abutment and Fillet Dimensions						计算系数 Calculation Factors			质量(kg) Mass 参考 Refer.
d	D	T	B	C	r1.2min	r3.4min	Cr	Cor					d _{amax}	d _{bmin}	D _{amax}	D _{bmin}	r _{amax}	r _{bmax}	e	Y	Y ₀	
275	352.425	36.513	40	23.813	3.6	3.2	310	653	850	1200	71.2	L853048/L853010	281	295	329	338	3.6	3.2	0.54	1.11	0.61	7.96
276.225	352.425	36.512	34.925	23.812	3.5	3.3	320	665	850	1200	72	L853049/L853010	300	288	333	344	3.5	3.3	0.54	1.1	0.62	7.85
279.4	317.5	22.225	22.86	17.653	1.6	1.6	151	422	850	1200	44	LL352148/LL352111	289	289	307	311	1.6	1.6	0.35	1.73	0.95	2.37
	317.5	24.384	24.384	18.288	1.6	1.6	151	422	850	1200	44.7	LL352149/LL352110	289	289	307	311	1.6	1.6	0.35	1.73	0.95	2.52
	374.65	47.625	47.625	34.925	3.6	3.2	468	971	850	1200	64.7	L555233/L555210	293	309	352	361	3.6	3.2	0.4	1.49	0.82	14
	469.9	95.25	93.662	69.85	9.7	3.3	1180	2060	850	1200	87.2	EE722110/722185	336	308	431	451	9.7	3.3	0.38	1.6	0.87	60.9
	488.95	120.65	120.65	92.075	1.3	6.4	1720	2860	850	1200	92.8	EE295110/295193	329	307	445	469	1.3	6.4	0.31	1.9	1.1	86.2
279.982	380.009	65.088	65.088	49.212	3.6	3.2	664	1410	850	1200	75.9	LM654642/LM654611	293	307	356	370	3.6	3.2	0.43	1.39	0.77	20
	380.898	65.088	65.088	49.212	3.5	3.3	660	1550	850	1200		LM654642/LM654610	302	298	356	368	3.5	3.3	0.43	1.39	0.76	19
280	6.4	69.85	67.673	53.975	6.4	3.2	767	1470	850	1200	75	EE128112/128160	299	311	369	383	6.4	3.2	0.39	1.56	0.86	27.7
280.192	400.05	52.388	0.211	34.925	6.7	3.2	521	991	850	1200	67.7	EE101103/101575	300	317	366	375	6.7	3.2	0.41	1.48	0.81	18.7
	406.4	52.388	50.211	34.925	6.8	3.3	520	870	850	1200	68.1	EE101103/101600	315	299	380	391	6.8	3.3	0.41	1.5	0.81	18.9
	406.4	69.85	67.673	53.975	6.7	3.2	767	1470	850	1200	75	EE128110/128160	300	311	369	383	6.7	3.2	0.39	1.56	0.86	27.6
	406.4	69.85	67.673	53.975	6.8	3.3	750	1430	850	1200	73.5	EE128111/128160	316	295	376	391	6.8	3.3	0.39	1.6	0.86	27.2
	409.981	69.85	67.673	53.975	6.8	3.3	750	1430	850	1200	73.5	EE128111/128161	316	295	377	393	6.8	3.3	0.39	1.6	0.86	28.2
285.75	354.013	33.338	31.75	22.225	3.6	3.2	240	537	850	1200	65.8	545112/545139	299	308	337	344	3.6	3.2	0.49	1.23	0.68	6.3
	358.775	33.338	31.75	22.225	3.5	3.3	252	575	850	1200	66.3	545112/545141	307	298	339	348	3.5	3.3	0.49	1.2	0.67	7.09
	380.898	65.088	65.088	49.212	3.5	3.3	615	1490	850	1200	76.1	LM654649/LM654610	316	300	355	371	3.5	3.3	0.43	1.4	0.77	20
	469.9	81.77	80.569	57.15	9.7	3.3	1100	1810	850	1200	69.4	EE921124/921850	338	315	438	451	9.7	3.3	0.29	2.1	1.1	49.4
288.925	406.4	77.788	77.788	60.325	6.4	3.3	1010	2080	850	1200		M255499/M255410A	316	310	379	388	6.4	3.3	0.34	1.78	0.98	29.8
	406.4	77.788	77.788	60.325	6.4	3.3	895	1830	850	1200	72.8	M255449/M255410	324	304	380	395	6.4	3.3	0.34	1.8	0.98	29.8
	406.949	77.907	77.788	61	9.5	3.6	1010	2210	850	1200	73.3	M255448/M255411	314	318	374	388	9.5	3.6	0.34	1.77	0.98	31.1
289.975	393.7	50.8	50.8	38.1	6.4	3.2	524	1180	850	1200	64.8	L357040/L357010	309	329	369	378	6.4	3.2	0.36	1.67	0.92	17.4
292.1	374.65	47.625	47.625	34.925	3.5	3.3	490	1060	800	1100	64.5	L555249/L555210	316	303	355	366	3.5	3.3	0.4	1.5	0.82	12.5
	393.7	63.5	50.8	44.45	3.5	6.4	545	1120	800	1100	99.8	84115/84155	323	305	364	383	3.5	6.4	0.61	0.99	0.54	18.6
	469.9	95.25	93.662	69.85	9.7	3.3	1180	2060	800	1100	87.2	EE722115/722185	342	315	431	451	9.7	3.3	0.38	1.6	0.87	56.7

Single-row Taper Roller Bearing
(Inch Series)

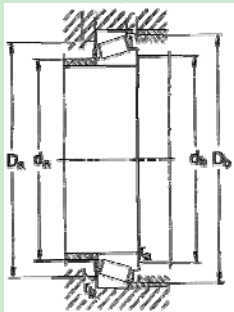
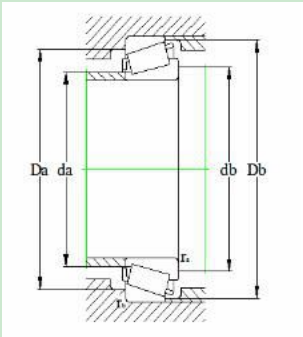
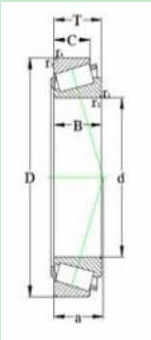
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基本尺寸(mm) Boundary Dimensions							基本额定载荷(kN) Basic Load Ratings		极限转速(rpm) Speed Ratings 脂润滑 油润滑 Grease Oil		作用点 Load Center Spacings a	轴承代号 Bearing Numbers	相关安装尺寸(mm) Abutment and Fillet Dimensions						计算系数 Calculation Factors			质量(kg) Mass 参考 Refer.
d	D	T	B	C	r1.2min	r3.4min	Cr	Cor					d _{max}	d _{bmin}	D _{max}	D _{bmin}	r _{amax}	r _{bmax}	e	Y	Y ₀	
292.1	508	106.363	107.95	74.613	6.4	3.2	1480	2540	800	1100	88.5	EE224115/224200	311	362	453	469	6.4	3.2	0.33	1.84	1.01	82.5
	558.8	136.525	136.525	98.425	6.4	6.4	2480	4100	700	1000	113.5	EE790114/790221	362	332	506	537	6.4	6.4	0.39	1.5	0.84	147
	558.8	136.525	136.525	98.425	19.8	6.4	2350	4000	700	1000	114.2	EE790116/790221	338	366	488	510	19.8	6.4	0.4	1.52	0.84	142
298.45	431.8	69.85	58.738	53.975	6.4	3.3	755	1400	700	1000	88.1	EE111175/111700	336	316	400	417	6.4	3.3	0.44	1.4	0.75	29.2
	444.5	63.5	61.912	39.688	8	3.3	685	1140	700	1000	71.8	EE291175/291749	339	319	415	427	8	3.3	0.38	1.6	0.87	28.7
	444.5	63.5	61.912	39.688	8	1.5	685	1140	700	1000	71.8	EE291175/291750	339	319	417	427	8	1.5	0.38	1.6	0.87	28.7
299.975	495.3	141.288	141.288	114.3	6.4	6.4	2330	4670	700	1000	108.1	HH258248/HH258210	319	346	442	467	6.4	6.4	0.33	1.8	0.99	106
300	495.3	141.288	141.288	114.3	6.4	6.4	2330	4550	630	850	106	HH258248/HH258210	330	341	464	468	6	6	0.33	1.8	1	107
300.038	422.275	82.55	82.55	63.5	6.4	3.3	990	2050	630	850	76.7	HM256849/HM256810	337	317	395	411	6.4	3.3	0.34	1.8	0.98	34.2
304.8	393.7	50.8	50.8	38.1	6.4	3.3	530	1140	630	850	63.7	L357049/L357010	334	318	374	385	6.4	3.3	0.36	1.7	0.92	14.5
	406.4	63.5	63.5	47.625	6.4	3.3	690	1490	630	850	79.4	LM757049/LM757010	337	317	380	396	6.4	3.3	0.44	1.4	0.75	21.4
	438.048	76.2	76.992	53.975	6.4	4.8	788	1610	630	850	82	EE129120X/129172	325	343	401	415	6.4	4.8	0.4	1.49	0.82	34.4
	444.5	63.5	61.912	39.688	8	3.3	685	1140	630	850	71.8	EE291201/291749	342	323	415	427	8	3.3	0.38	1.6	0.87	27.3
	444.5	63.5	61.912	39.688	8	1.5	685	1140	630	850	71.8	EE291201/291750	342	323	417	427	8	1.5	0.38	1.6	0.87	27.3
	488.95	92.075	92.075	63.5	16	3.2	1270	2340	630	850	92	EE724119/724191	344	359	439	456	16	3.2	0.4	1.49	0.82	60.4
	488.95	92.075	92.075	63.5	16	3.2	1270	2340	630	850	92	EE724120/724191	344	359	439	456	16	3.2	0.4	1.49	0.82	60.4
	495.3	76.2	74.612	53.975	6.4	3.3	1080	1790	630	850	85.1	EE941205/941950	352	329	455	471	6.4	3.3	0.4	1.5	0.83	51
	495.3	76.2	74.612	53.975	6.4	3.3	1140	1940	630	850		EE941205/941950A	339	329	459	463	6.4	3.3	0.4	1.49	0.82	55.8
	495.3	76.2	77.866	53.975	6.4	3.2	1020	1610	630	850	88.1	EE941205X/941950	325	355	441	455	6.4	3.2	0.4	1.49	0.82	50.7
	495.3	95.25	92.075	69.85	16	6.4	1270	2340	630	850	95.2	EE724119/724195	344	359	439	474	16	6.4	0.4	1.49	0.82	64.8
	495.3	95.25	92.075	69.85	16	6.4	1240	2150	630	850	93.9	EE724120/724195	364	329	451	474	16	6.4	0.4	1.5	0.82	63.3
	499.948	101.6	79.375	53.975	6.4	6.4	1190	2030	630	850	203	M959442/M959410	367	327	444	487	6.4	6.4	1.2	0.51	0.28	67.6
	558.8	136.525	136.525	98.425	1.3	6.4	2480	4100	630	850	113.5	EE790120/790221	364	338	506	537	1.3	6.4	0.39	1.5	0.84	141
305.054	406.4	63.5	63.5	47.625	6	3.2	748	1580	630	850	79.6	LM757049A/LM757010	325	323	376	390	6.4	3.2	0.44	1.36	0.75	21.2
314.325	495.3	120.65	119.062	88.9	6.4	6.4	1710	3300	630	850	125.3	H859049/H859010	368	335	446	484	6.4	6.4	0.55	1.1	0.6	83.8

Single-row Taper Roller Bearing
(Inch Series)

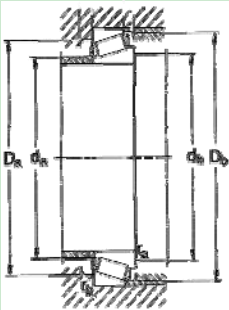
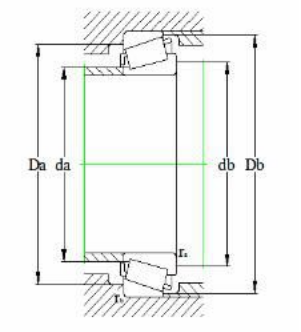
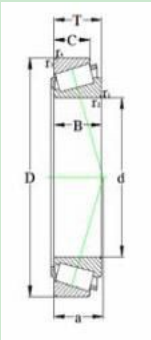
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基本尺寸(mm) Boundary Dimensions							基本额定载荷(kN) Basic Load Ratings		极限转速(rpm) Speed Ratings 脂润滑 油润滑		作用点 Load Center Spacings	轴承代号 Bearing Numbers	相关安装尺寸(mm) Abutment and Fillet Dimensions						计算系数 Calculation Factors			质量(kg) Mass 参考
d	D	T	B	C	r1.2min	r3.4min	Cr	Cor	Grease	Oil	a		d _{amax}	d _{bmin}	D _{amax}	D _{bmin}	r _{amax}	r _{bmax}	e	Y	Y ₀	Refer.
317.5	444.5	63.5	61.912	39.688	8	1.5	685	1140	630	850	71.8	EE291250/291750	349	329	417	427	8	1.5	0.38	1.6	0.87	24.3
	444.5	63.5	61.913	39.688	15	1.6	721	1380	630	850	70	EE291251/291750	355	346	404	414	15	1.6	0.38	1.59	0.87	25.7
	444.5	63.5	61.912	39.688	8	3.3	685	1140	630	850	71.8	EE291250/291749	349	329	415	427	8	3.3	0.38	1.6	0.87	24.2
	447.675	85.725	85.725	68.263	3.6	3.2	1060	2330	630	850	79.7	HM259048/HM259010	332	352	411	426	3.6	3.2	0.33	1.8	0.99	40.9
	447.675	85.725	85.725	68.262	3.5	3.3	1120	2350	630	850	80.1	HM259049/HM259010	353	333	418	435	3.5	3.3	0.33	1.8	0.99	40.4
	596.9	136.525	136.525	98.425	19.8	6.4	2480	4110	600	800	119.6	EE720125/720236	364	389	520	545	19.8	6.4	0.42	1.42	0.78	161
	622.3	147.638	131.762	82.55	14.3	12.7	2270	3800	600	800	206.4	H961649/H961610	414	358	535	597	14.3	12.7	0.94	0.64	0.35	184
323.85	381	28.575	28.575	20.638	3.6	3.3	219	570	670	900	64.8	LL758744/LL758715	338	340	363	369	3.6	3.3	0.44	1.36	0.75	5.15
325.438	596.9	136.525	136.525	98.425	6.4	6.4	2480	4110	630	850	119.6	EE720128/720236	345	389	520	545	6.4	6.4	0.42	1.42	0.78	158
329.87	533.4	76.2	76.2	50.8	4.7	3.3	1060	1800	630	850	78.4	EE971298/972100	383	364	497	510	4.7	3.3	0.33	1.8	0.99	58.5
330.2	415.925	47.625	47.625	34.925	12.7	3.3	505	1150	630	850	83	L860048/L860010	365	342	394	408	12.7	3.3	0.5	1.2	0.66	14.3
	415.925	47.625	47.625	34.925	3.5	3.3	505	1150	630	850	83	L860049/L860010	356	342	394	408	3.5	3.3	0.5	1.2	0.66	14.6
	469.9	60.325	55.562	38.1	7	6.4	710	1420	630	850	92.7	EE161300/161850	377	358	441	459	7	6.4	0.5	1.2	0.66	30.1
	482.6	60.325	55.562	38.1	7	6.4	710	1420	630	850	92.7	EE161300/161900	377	358	447	464	7	6.4	0.5	1.2	0.66	32.9
	482.6	66.675	63.5	44.45	6.8	6.8	810	1560	630	850	84.9	EE203130/203190	377	358	450	467	6.8	6.8	0.42	1.4	0.79	36.4
	482.6	85.725	80.167	60.325	6.4	3.3	995	1830	630	850	88.9	EE526130/526190	370	348	447	465	6.4	3.3	0.39	1.5	0.85	44.9
	482.6	85.725	80.167	60.325	3.3	3.3	995	1830	630	850	88.9	EE526132/526190	367	348	447	465	3.3	3.3	0.39	1.5	0.85	45
	488.95	60.325	55.562	38.1	7	6.4	710	1420	630	850	92.7	EE161300/161925	377	358	451	468	7	6.4	0.5	1.2	0.66	34.3
333.375	469.9	90.488	90.488	71.438	6.4	3.3	1340	2850	630	850	85	HM261049/HM261010	365	362	438	452	6	3	0.33	1.8	1	47
342.9	450.85	66.675	66.675	52.388	8.5	3.5	805	1840	670	900	75.8	LM361649/LM361610	379	359	426	441	8.5	3.5	0.35	1.7	0.94	27.2
	457.098	66.675	63.5	46.038	3.2	3.2	729	1670	670	900	122.3	LM961548LM961510	356	365	421	443	3.2	3.2	0.71	0.84	0.46	28.2
342.9	457.098	68.262	63.5	47.625	3.3	3.3	705	1640	670	900		LM961548/LM961511	367	363	423	443	3.3	3.3	0.71	0.84	0.46	30
	533.4	76.2	76.2	50.8	4.7	3.3	1060	1800	670	900	78.4	EE971354/972100	390	371	497	510	4.7	3.3	0.33	1.8	0.99	54.4
346.075	469.9	60.325	55.562	38.1	7	6.4	710	1420	670	900	92.7	EE161363/161850	385	366	441	459	7	6.4	0.5	1.2	0.66	26.4
	482.6	60.325	55.562	38.1	7	6.4	710	1420	630	850	92.7	EE161363/161900	385	366	447	464	7	6.4	0.5	1.2	0.6	29.2
	482.6	66.675	63.5	44.45	6.8	6.8	810	1560	630	850	84.9	EE203136/203190	385	366	450	467	6.8	6.8	0.42	1.4	0.79	32.2

Single-row Taper Roller Bearing
(Inch Series)

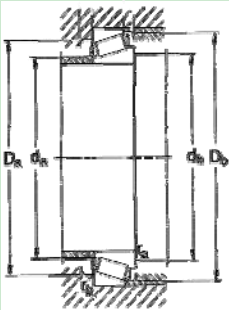
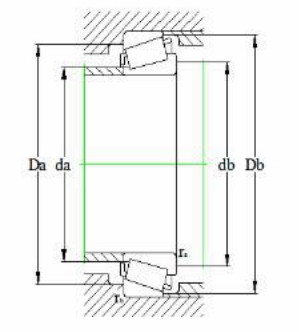
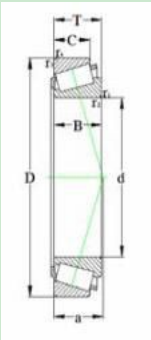
WSW



基本尺寸(mm) Boundary Dimensions							基本额定载荷(kN) Basic Load Ratings		极限转速(rpm) Speed Ratings 脂润滑 油润滑 Grease Oil		作用点 Load Center Spacings a	轴承代号 Bearing Numbers	相关安装尺寸(mm) Abutment and Fillet Dimensions						计算系数 Calculation Factors			质量(kg) Mass 参考 Refer.
d	D	T	B	C	r1.2min	r3.4min	Cr	Cor					d _{amax}	db _{min}	D _{amax}	Db _{min}	r _{amax}	r _{bmax}	e	Y	Y ₀	
346.075	482.6	66.675	63.5	44.45	12.7	6.8	810	1560	630	850	84.9	EE203137/203190	391	366	450	467	12.7	6.8	0.42	1.4	0.79	32
	488.95	60.325	55.562	38.1	7	6.4	710	1420	630	850	92.7	EE161363/161925	385	366	451	468	7	6.4	0.5	1.2	0.66	30.7
	488.95	95.25	95.25	74.613	6.4	3.2	1350	2900	630	850	88.5	HM262748/HM262710	366	381	450	467	6.4	3.2	0.33	1.79	0.99	53.3
	488.95	95.25	95.25	74.612	6.4	3.3	1250	2600	630	850	87.8	HM262749/HM262710	386	364	457	475	6.4	3.3	0.33	1.8	0.99	52.9
349.25	501.65	90.488	84.138	69.85	6.4	3.3	1320	2720	630	850	95	EE333137/333197	394	371	470	488	6.4	3.3	0.37	1.6	0.9	55.8
354.012	469.9	60.325	55.562	38.1	7	6.4	710	1420	630	850	92.7	EE161394/161850	389	370	441	459	7	6.4	0.5	1.2	0.66	24.5
	482.6	60.325	55.562	38.1	7	6.4	710	1420	630	850	92.7	EE161394/161900	389	370	447	464	7	6.4	0.5	1.2	0.66	27.3
	488.95	60.325	55.562	38.1	7	6.4	710	1420	630	850	92.7	EE161394/161925	389	370	451	468	7	6.4	0.5	1.2	0.66	28.8
355.6	444.5	60.325	60.325	47.625	3.5	3.3	660	1660	630	850	67.9	L163149/L163110	381	369	423	435	3.5	3.3	0.31	2	1.1	20.6
	469.9	60.325	55.562	38.1	7	6.4	710	1420	630	850	92.7	EE161400/161850	390	370	441	459	7	6.4	0.5	1.2	0.66	24.1
	482.6	60.325	55.562	38.1	7	6.4	710	1420	630	850	92.7	EE161400/161900	390	370	447	464	7	6.4	0.5	1.2	0.66	26.9
	488.95	60.325	55.562	38.1	7	6.4	710	1420	630	850	92.7	EE161400/161925	390	370	451	468	7	6.4	0.5	1.2	0.66	28.4
	501.65	74.612	66.675	50.8	6.4	3.3	795	1640	630	850	97	EE231400/231975	403	382	472	489	6.4	3.3	0.44	1.4	0.75	40.5
	501.65	90.488	84.138	69.85	6.4	3.3	1320	2720	630	850	95	EE333140/333197	397	374	470	488	6.4	3.3	0.37	1.6	0.9	53.5
	514.35	74.612	66.675	50.8	6.4	3.3	795	1640	630	850	97	EE231400/232025	403	382	478	495	6.4	3.3	0.44	1.4	0.75	44.6
	673.1	152.4	152.4	114.3	16	6.4	3400	5490	630	850	229.9	EE121140/121265	395	436	595	620	16	6.4	0.38	1.59	0.88	234
361.95	406.4	23.812	23.812	17.462	2.3	1.5	173	470	630	850		LL562749/LL562710	372	371	396	401	2.3	1.5	0.4	1.49	0.82	3.56
368.249	523.875	101.6	101.6	79.375	6.4	6.4	1590	3390	600	800	94	HM265049/HM265010	388	407	484	500	6.4	6.4	0.33	1.8	0.99	56.6
368.3	596.9	95.25	92.075	60.325	9.7	6.4	1670	2870	600	800	102.6	EE181453/182350	428	403	549	570	9.7	6.4	0.41	1.5	0.8	92.7
	609.6	142.875	139.7	111.125	8	6.4	2460	4600	600	800	118.9	EE321145/321240	431	401	556	587	8	6.4	0.36	1.7	0.93	154
371.475	501.65	74.612	66.675	50.8	6.4	3.3	795	1640	600	800	97	EE231462/231975	411	390	472	489	6.4	3.3	0.44	1.4	0.75	35.8
	514.35	74.612	66.675	50.8	6.4	3.3	795	1640	600	800	97	EE231462/232025	411	390	478	495	6.4	3.3	0.44	1.4	0.75	39.8
374.65	431.8	28.575	28.575	20.638	3.6	3.2	222	622	600	800	56.9	LL264648/LL264610	389	393	415	419	3.6	3.2	0.33	1.8	0.99	6.02
374.65	522.288	85.725	84.138	61.912	6.4	3.3	1210	2550	600	800	92.9	LM565943/LM565910	417	393	490	508	6.4	3.3	0.39	1.6	0.86	51.3
377.825	508	63.5	58.738	38.1	6.4	3.3	725	1490	600	800	103.9	EE192148/192200	418	397	480	495	6.4	3.3	0.53	1.1	0.62	31.1

Single-row Taper Roller Bearing
(Inch Series)

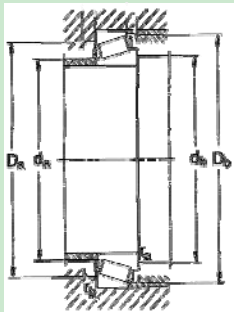
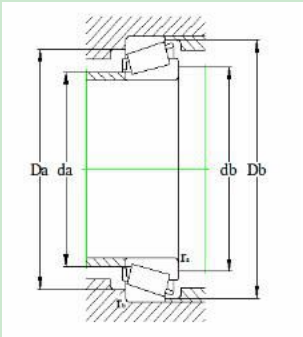
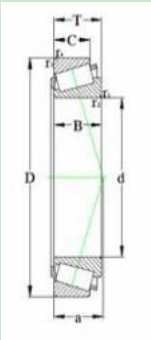
WSW



基本尺寸(mm) Boundary Dimensions							基本额定载荷(kN) Basic Load Ratings		极限转速(rpm) Speed Ratings 脂润滑 油润滑 Grease Oil		作用点 Load Center Spacings a	轴承代号 Bearing Numbers	相关安装尺寸(mm) Abutment and Fillet Dimensions						计算系数 Calculation Factors			质量(kg) Mass 参考 Refer.
d	D	T	B	C	r1.2min	r3.4min	Cr	Cor					d _{max}	d _{bmin}	D _{max}	D _{bmin}	r _{max}	r _{bmax}	e	Y	Y ₀	
377.825	522.288	85.725	84.138	61.912	6.4	3.3	1210	2550	600	800	92.9	LM565946/LM565910	418	395	490	508	6.4	3.3	0.39	1.6	0.86	50
	523.875	85.725	84.138	61.913	6.4	3.2	1170	2590	600	800	92.8	LM565946/LM565912	398	414	481	497	6.4	3.2	0.38	1.56	0.86	51.9
381	479.425	49.212	47.625	34.925	6.4	3.3	585	1310	600	800	92	L865547/L865512	412	394	456	469	6.4	3.3	0.49	1.2	0.67	18.9
	479.425	49.213	47.625	34.925	12.7	3.2	595	1280	600	800	91.4	L865548/L865512	413	405	454	466	12.7	3.2	0.49	1.23	0.68	18.6
	508	63.5	58.738	38.1	6.4	3.3	725	1490	600	800	103.9	EE192150/192200	420	399	480	495	6.4	3.3	0.53	1.1	0.62	30.3
	522.288	85.725	84.138	61.912	6.4	3.3	1210	2550	600	800	92.9	LM565949/LM565910	420	396	490	508	6.4	3.3	0.39	1.6	0.86	48.8
	523.875	85.725	84.138	61.913	6.4	3.2	1170	2590	600	800	92.8	LM565949/LM565912	401	414	481	497	6.4	3.2	0.38	1.56	0.86	50.7
	546.1	104.775	104.775	82.55	6.4	6.4	1900	4210	600	800	97.6	HM266446/HM266410	401	421	505	515	6.4	6.4	0.33	1.8	0.99	79.5
	546.1	104.775	104.775	82.55	6.4	6.4	1840	4000	600	800	97.5	HM266447/HM266410	428	405	508	531	6.4	6.4	0.33	1.8	0.99	78.3
	590.55	114.3	114.3	88.9	6.4	6.4	1980	4470	600	800	103.7	M268730/M268710	401	459	545	560	6.4	6.4	0.33	1.8	0.99	116
384.175	441.325	28.575	28.575	20.638	3.5	3.3	247	655	560	750	59.2	LL365348/LL365310	402	394	427	435	3.5	3.3	0.34	1.8	0.97	6.33
	441.325	28.575	31.75	20.638	3.6	3.2	236	612	560	750	58.6	LL365347/LL365310	398	398	424	428	3.6	3.2	0.34	1.76	0.97	5.66
	546.1	104.775	104.775	82.55	6.4	6.4	1900	4210	560	750	97.6	HM266448/HM266410	404	421	505	515	6.4	6.4	0.33	1.8	0.99	78
	546.1	104.775	104.775	82.55	6.4	6.4	1840	4000	560	750	97.5	HM266449/HM266410	429	407	508	531	6.4	6.4	0.33	1.8	0.99	76.7
385.762	514.35	82.55	82.55	63.5	6.4	3.3	1180	2610	560	750	99	LM665949/LM665910	424	401	485	504	6.4	3.3	0.42	1.4	0.79	45.2
387.248	546.1	87.313	87.313	66.675	6.4	6.4	1330	2870	560	750	105.1	M667935/M667910	407	438	510	525	6.4	6.4	0.42	1.44	0.79	61.6
	546.1	87.312	87.312	68.262	6.4	6.4	1390	3150	560	750		M667935/M667911G2	424	414	510	528	6.4	6.4	0.42	1.43	0.79	56.6
393.7	546.1	76.2	61.12	55.562	6.4	6.4	815	1650	600	800	112.9	EE234154/234215	438	417	507	529	6.4	6.4	0.48	1.3	0.69	44.8
	558.8	65.088	61.119	44.45	6.4	6.4	815	1650	600	800	101.8	EE234154/234220	438	417	516	536	6.4	6.4	0.48	1.3	0.69	44.3
396.875	546.1	76.2	61.12	55.562	6.4	6.4	815	1650	600	800	112.9	EE234156/234215	439	419	507	529	6.4	6.4	0.48	1.3	0.69	43.9
	549.275	85.725	84.138	61.912	6.4	3.3	1260	2720	600	800	101.1	LM567943/LM567910	442	420	517	535	6.4	3.3	0.41	1.5	0.81	57.1
	558.8	65.088	61.12	44.45	6.4	6.4	815	1650	600	800	101.8	EE234156/234220	439	419	516	536	6.4	6.4	0.48	1.3	0.69	43.4
403.225	460.375	28.575	28.575	20.638	3.5	3.3	246	765	600	800	70	LL566848/LL566810	420	417	443	448	3	3	0.4	1.5	0.8	6.7
406.4	508	61.912	61.912	47.625	3.3	3.3	800	1960	560	750	83.3	L467549/L467510	435	420	484	498	3.3	3.3	0.37	1.6	0.9	27.6
	546.1	76.2	61.12	55.562	6.4	6.4	815	1650	560	750	112.9	EE234160/234215	444	424	507	529	6.4	6.4	0.48	1.3	0.69	44.3
	546.1	87.313	87.313	68.263	6.4	6.4	1330	2870	560	750	105.1	M667944/M667911	427	438	510	525	6.4	6.4	0.42	1.44	0.79	53.7

Single-row Taper Roller Bearing
(Inch Series)

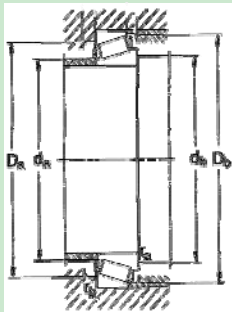
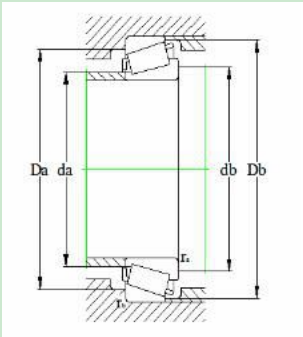
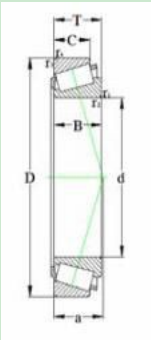
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基本尺寸(mm) Boundary Dimensions							基本额定载荷(kN) Basic Load Ratings		极限转速(rpm) Speed Ratings 脂润滑 油润滑 Grease Oil		作用点 Load Center Spacings a	轴承代号 Bearing Numbers	相关安装尺寸(mm) Abutment and Fillet Dimensions						计算系数 Calculation Factors			质量(kg) Mass 参考 Refer.
d	D	T	B	C	r1.2min	r3.4min	Cr	Cor					d _{amax}	d _{bmin}	D _{amax}	D _{bmin}	r _{amax}	r _{bmax}	e	Y	Y ₀	
406.4	549.275	85.725	84.138	61.912	6.4	3.3	1260	2720	530	700	101.1	LM567949/LM567910	447	425	517	535	6.4	3.3	0.41	1.5	0.81	53.2
	558.8	65.088	61.12	44.45	6.4	6.4	815	1650	530	700	101.8	EE234160/234220	444	424	516	536	6.4	6.4	0.48	1.3	0.69	43.8
	574.675	76.2	67.866	50.8	6.8	3.3	920	1850	530	700	114	EE285160/285226	453	429	534	552	6.8	3.3	0.5	1.2	0.66	53.2
	590.55	107.95	107.95	80.963	9.5	6.4	1780	3540	530	700	100	EE833160X/833232	433	453	545	560	9.5	6.4	0.32	1.85	1.02	89.7
	609.524	82.55	79.375	60.325	7.9	6.4	1520	3030	530	700	95.9	EE736160/736238	430	476	565	570	7.9	6.4	0.35	1.73	0.95	76.2
	609.6	92.075	84.138	60.325	6.7	6.4	1430	2640	530	700	105.6	EE911600/912400	428	466	555	570	6.7	6.4	0.38	1.57	0.86	80.1
	673.1	88.9	87.833	60.325	6.4	3.3	1750	3100	530	700	110	EE571602/572650	479	457	629	647	6.4	3.3	0.4	1.5	0.83	119
	762	180.975	161.925	107.95	12.7	12.7	3690	6100	380	500	250	H969249/H969210	446	467	723	723	12	12	0.94	0.64	0.35	320
	546.1	87.313	87.312	68.263	6.4	6.4	1330	2870	380	500	105.1	M667947/M667911	430	438	510	525	6.4	6.4	0.42	1.44	0.79	52.4
	546.1	87.312	87.312	68.262	6.4	6.4	1350	3050	380	500	105.1	M667948/M667911	440	431	510	528	6.4	6.4	0.42	1.43	0.79	49.8
	546.1	87.313	87.313	66.675	6.4	6.4	1330	2870	380	500	105.1	M667948/M667910	430	438	510	525	6.4	6.4	0.42	1.44	0.79	52.2
	574.675	76.2	67.866	50.8	6.8	3.3	920	1850	380	500	114	EE285162/285226	455	431	534	552	6.8	3.3	0.5	1.2	0.66	52.1
411.162	609.6	92.075	84.138	60.325	6.8	6.4	1470	2750	500	670	103.9	EE911618/912400	461	440	566	586	6.8	6.4	0.38	1.6	0.86	80.7
415.925	590.55	114.3	114.3	88.9	6.4	6.4	1860	4250	500	670	105	M268749/M268710	437	459	545	560	6.4	6.4	0.34	1.8	1	94.5
	590.55	114.3	114.3	88.9	6.4	6.4	2120	4800	500	670	104	M268749/M268710	448	453	560	563	6	6	0.33	1.8	1	120
425.45	685.698	142.875	142.8	104.775	12.7	6.4	3050	5700	500	670	135.1	EE328167/328269	497	462	630	661	12.7	6.4	0.4	1.5	0.83	193
430.212	603.25	76.2	73.025	50.8	6.4	6.4	1240	2250	500	670	122.1	EE241693/242375	479	457	564	585	6.4	6.4	0.52	1.1	0.63	62
431.8	533.4	46.038	46.038	34.925	3.3	3.3	580	1380	500	670	69.3	EE80385/80325	458	447	511	521	3.3	3.3	0.31	2	1.1	20.8
	552.45	44.45	44.45	31.75	3.3	3.3	610	1480	500	670	71	80170/80217	467	456	530	538	3.3	3.3	0.32	1.9	1	25.8
	571.5	73.025	73.025	53.975	3.2	3.2	980	2150	500	670	96.5	EE239170/239225	446	469	535	540	3.2	3.2	0.38	1.57	0.86	45.6
	565.15	44.45	44.45	31.75	3.3	3.3	610	1480	500	670	71	80170/80222	467	456	536	545	3.3	3.3	0.32	1.9	1	28.6
	571.5	74.612	74.612	52.388	3.3	3.3	1080	2350	500	670	122.6	LM869448/LM869410	471	448	539	560	3.3	3.3	0.55	1.1	0.6	47.9
	571.5	76.2	73.025	57.15	3.2	3.2	980	2150	500	670	99.7	EE239170/239225A	446	469	535	540	3.2	3.2	0.38	1.57	0.86	46.8
	571.5	89.694	89.77	66.75	6.4	6.4	1450	3450	500	670	111	BT1B328284/HA1	464	460	540	550	6	6	0.44	1.35	0.8	60
	603.25	76.2	73.025	50.8	6.4	6.4	1240	2500	480	600	122.1	EE241701/242375	480	458	564	585	6.4	6.4	0.52	1.1	0.63	61.4
	673.1	88.9	87.833	60.325	6.4	3.3	1750	3100	480	600	110	EE571703/572650	491	469	629	647	6.4	3.3	0.4	1.5	0.83	108

Single-row Taper Roller Bearing
(Inch Series)

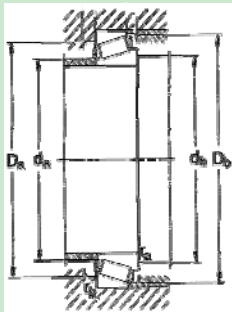
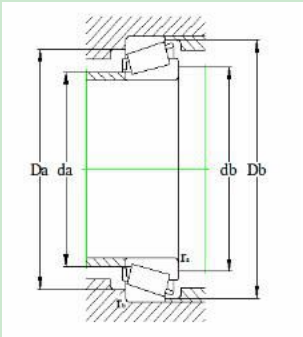
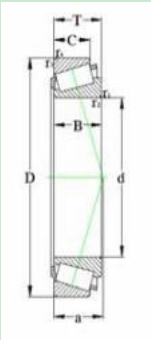
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基本尺寸(mm) Boundary Dimensions							基本额定载荷(kN) Basic Load Ratings		极限转速(rpm) Speed Ratings 脂润滑 油润滑 Grease Oil		作用点 Load Center Spacings a	轴承代号 Bearing Numbers	相关安装尺寸(mm) Abutment and Fillet Dimensions						计算系数 Calculation Factors			质量(kg) Mass 参考 Refer.
d	D	T	B	C	r1.2min	r3.4min	Cr	Cor					d _{max}	db _{min}	D _{max}	Db _{min}	r _{max}	r _{bmax}	e	Y	Y ₀	
441.325	660.4	91.28	85.725	62.705	10.4	6.4	1350	2630	480	600	109.5	EE737173/737260	470	510	600	610	10.4	6.4	0.37	1.6	0.88	95.5
444.5	635	120.65	120.65	95.25	6.4	6.4	2290	5250	480	600	113.8	M270744/M270710	465	495	585	600	6.4	6.4	0.33	1.8	0.99	120
447.675	552.45	44.45	44.45	31.75	3.3	3.3	610	1480	480	600	71	80176/80217	475	464	530	538	3.3	3.3	0.32	1.9	1	22
	565.15	44.45	44.45	31.75	3.3	3.3	610	1480	480	600	71	80176/80222	475	464	536	545	3.3	3.3	0.32	1.9	1	24.8
	635	120.65	120.65	95.25	6.4	6.4	1900	4350	450	600	114.6	M270749/M270710	502	474	591	617	6.4	6.4	0.33	1.8	0.99	117
450.85	603.25	85.725	84.138	60.325	6.4	3.3	1310	2900	450	600	115.9	LM770945/LM770910	496	471	570	590	6.4	3.3	0.45	1.3	0.73	62.5
456.692	660.4	92.075	91.262	63.5	6.4	6.4	1350	2630	450	600	110.3	EE737179X/737262	478	510	600	610	6.4	6.4	0.37	1.6	0.88	90.5
456.794	761.873	142.875	142.875	101.6	16	6.4	3240	5610	450	600	154.5	EE425179A/425299	497	530	685	710	16	6.4	0.44	1.35	0.74	242
457.073	573.088	74.613	74.612	57.15	6.4	6.4	1100	2930	450	600	100.4	L570648/L570610	478	484	540	550	6.4	6.4	0.4	1.49	0.82	42.8
457.2	552.45	44.45	44.45	31.75	3.3	3.3	615	1340	450	600		80180/80217	474	471	531	536	3.3	3.3	0.32	1.88	1.04	18.7
	573.088	74.612	74.612	57.15	6.4	6.4	1020	2610	500	670	101.2	L570649/L570610	493	472	542	562	6.4	6.4	0.4	1.5	0.83	42
	596.9	76.2	73.025	53.975	9.5	3.3	1040	2360	500	670	102	EE244180/244235	500	475	565	580	9.5	3.3	0.4	1.5	0.82	49.9
	603.25	85.725	84.138	60.325	6.4	3.3	1310	2900	480	630	115.9	LM770949/LM770910	499	474	570	590	6.4	3.3	0.45	1.3	0.73	59.5
	615.95	85.725	85.725	66.675	6.4	6.4	1470	3800	450	600	98	LM272235/LM272210	489	512	584	596	6	6	0.33	1.8	1	72
	660.4	91.28	85.725	62.705	10.4	6.4	1550	2780	450	600	106.9	EE737181/737260	507	479	615	636	10.4	6.4	0.37	1.6	0.88	86.2
	660.4	92.075	85.725	63.5	10.4	6.4	1350	2630	450	600	110.3	EE737181/737262	486	510	600	610	10.4	6.4	0.37	1.6	0.88	88.5
	730.148	120.65	114.3	82.55	9.5	6.4	2420	4120	450	600	128.9	EE671801/672873	484	520	660	680	9.5	6.4	0.39	1.53	0.84	163
476.25	565.15	41.275	41.275	31.75	3.3	3.3	535	1340	450	600	100.2	LL771948/LL771911	502	489	545	557	3.3	3.3	0.47	1.3	0.7	18.2
479.425	679.45	128.588	128.588	101.6	6.4	6.4	2800	6400	450	600	121.1	M272749/M272710	535	504	635	663	6.4	6.4	0.34	1.8	0.97	148
482.6	615.95	53.975	46.038	41.275	3.3	3.3	780	1700	450	600	90	80480/80425	516	503	588	600	3.3	3.3	0.35	1.7	0.95	35.2
	615.95	85.725	85.725	66.675	6.4	6.4	1390	3450	450	600	106.1	LM272249/LM272210	522	501	582	604	6.4	6.4	0.37	1.6	0.88	59.8
	634.873	80.962	80.962	63.5	6.4	3.3	1340	3300	450	600	99.1	EE243190/243250	530	508	606	622	6.4	3.3	0.34	1.8	0.97	67.6
488.671	660.4	93.662	94.458	69.85	6.4	6.4	1700	3800	450	600	98.2	EE640191/640260	535	511	624	643	6.4	6.4	0.31	2	1.1	87.7

Single-row Taper Roller Bearing
(Inch Series)

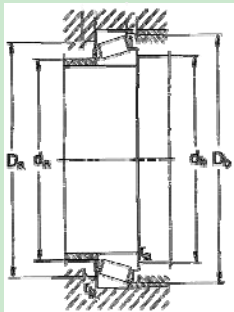
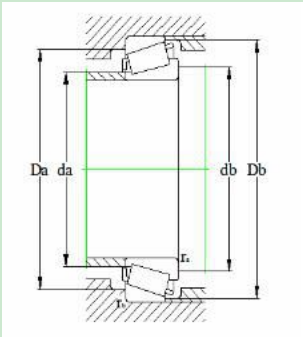
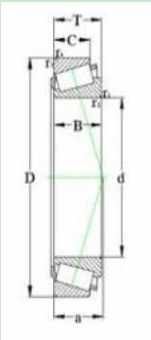
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基本尺寸(mm) Boundary Dimensions							基本额定载荷(kN) Basic Load Ratings		极限转速(rpm) Speed Ratings 脂润滑 油润滑 Grease Oil		作用点 Load Center Spacings a	轴承代号 Bearing Numbers	相关安装尺寸(mm) Abutment and Fillet Dimensions						计算系数 Calculation Factors			质量(kg) Mass 参考 Refer.
d	D	T	B	C	r1.2min	r3.4min	Cr	Cor					d _{max}	d _{bmin}	D _{max}	D _{bmin}	r _{max}	r _{bmax}	e	Y	Y ₀	
488.95	634.873	84.138	84.138	61.912	6.4	3.3	1370	3200	450	600	124.7	LM772748/LM772710	532	508	602	623	6.4	3.3	0.47	1.3	0.7	63.9
	660.4	93.662	94.458	69.85	6.4	6.4	1700	3800	450	600	98.2	EE640192/640260	535	511	624	643	6.4	6.4	0.31	2	1.1	87.6
489.026	634.873	80.962	80.962	63.5	6.4	3.3	1340	3300	450	600	99.1	EE243192/243250	533	512	606	622	6.4	3.3	0.34	1.8	0.97	64.5
498.323	634.873	80.963	80.962	63.5	6.4	3.2	1320	3290	450	600	100	EE243197/243250	520	530	595	605	6.4	3.2	0.34	1.75	0.96	58.7
498.399	634.873	80.962	80.962	63.5	6.4	3.3	1470	3650	450	600	100	EE243196AX/243250	530	522	616	610	6		0.35	1.7	0.9	60
498.475	634.873	80.962	80.962	63.5	6.4	3.3	1340	3300	450	600	99.1	EE243196/243250	538	516	606	622	6.4	3.3	0.34	1.8	0.97	59.9
498.653	634.873	80.962	80.962	63.5	6.4	3.3	1470	3650	450	600	100	EE243196AS/243250	530	522	616	610	6		0.35	1.7	0.9	59.5
501.65	711.2	136.525	136.525	106.363	6.4	6.4	2800	6410	450	600	126.8	M274149/M274110	525	550	655	675	6.4	6.4	0.33	1.8	0.99	164
505.968	736.6	88.9	81.758	53.975	6.4	3.3	1620	3400	450	600	134.9	EE981992/982900	571	547	693	712	6.4	3.3	0.48	1.3	0.69	114
508	736.6	88.9	81.758	53.975	6.4	3.3	1620	3400	450	600	134.9	EE982003/982900	572	548	693	712	6.4	3.3	0.48	1.3	0.69	113
	838.2	146.03	139.7	104.775	9.5	9.5	3320	5860	400	530	170.6	EE426200/426330	540	590	755	780	9.5	9.5	0.48	1.26	0.69	
514.35	736.6	88.9	81.758	53.975	6.4	3.3	1620	3400	400	530	134.9	EE982028/982900	576	551	693	712	6.4	3.3	0.48	1.3	0.69	109
520.7	736.6	88.9	81.758	53.975	6.4	3.3	1620	3400	400	530	134.9	EE982051/982900	579	554	693	712	6.4	3.3	0.48	1.3	0.69	106
533.4	635	50.8	50.8	38.1	6.4	6.4	705	1800	400	530	101.4	LL575343/LL575310	566	549	610	626	6.4	6.4	0.4	1.5	0.82	28.2
	784.225	88.9	82.55	53.975	6.4	6.4	1750	3500	380	500	139.5	EE522102/523087	596	573	730	752	6.4	6.4	0.48	1.3	0.69	129
536.575	761.873	146.05	146.05	114.3	6.4	6.4	3360	8000	380	500	134	M276449/M276410	564	582	726	735	6		0.33	1.8	1	208
539.75	635	50.8	50.8	38.1	6.4	6.4	705	1800	430	560	101.4	LL575349/LL575310	569	552	610	626	6.4	6.4	0.4	1.5	0.82	26.1
546.1	736.6	76.2	76.2	50.8	6.4	6.4	1280	2590	400	530	142.2	EE542215/542290	598	574	695	715	6.4	6.4	0.51	1.2	0.65	79.7
549.275	692.15	80.962	80.962	61.912	6.4	6.4	1430	3550	560	750	113.1	L476549/L476510	591	568	658	679	6.4	6.4	0.38	1.6	0.88	67.4
558.8	736.6	76.2	76.2	50.8	6.4	6.4	1280	2590	380	500	142.2	EE542220/542290	604	581	695	715	6.4	6.4	0.51	1.2	0.65	73.2
	736.6	88.108	88.108	63.5	6.4	6.4	1750	3900	380	500	111.3	EE843220/843290	606	585	699	718	6.4	6.4	0.34	1.8	0.97	93.7

Single-row Taper Roller Bearing
(Inch Series)

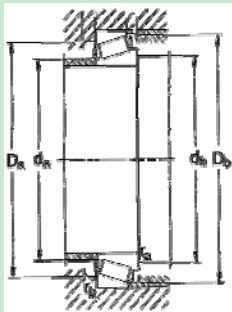
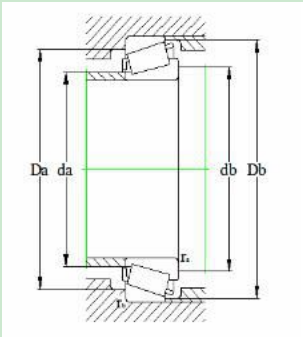
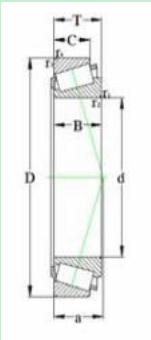
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基本尺寸(mm) Boundary Dimensions							基本额定载荷(kN) Basic Load Ratings		极限转速(rpm) Speed Ratings 脂润滑 油润滑 Grease Oil		作用点 Load Center Spacings a	轴承代号 Bearing Numbers	相关安装尺寸(mm) Abutment and Fillet Dimensions						计算系数 Calculation Factors			质量(kg) Mass 参考 Refer.
d	D	T	B	C	r1.2min	r3.4min	Cr	Cor					d _{max}	d _{bmin}	D _{max}	D _{bmin}	r _{max}	r _{bmax}	e	Y	Y ₀	
558.8	736.6	104.775	104.775	80.963	6.4	6.4	2090	4940	380	500	120.3	LM377448/LM377410	580	600	690	705	6.4	6.4	0.35	1.73	0.95	114
	736.6	104.775	104.775	80.962	6.4	6.4	2300	5600	380	500	120.7	LM377449/LM377410	607	581	696	720	6.4	6.4	0.35	1.7	0.95	118
571.5	812.8	155.575	155.575	120.65	6.4	6.4	4000	9300	370	470	143.6	M278749/M278710	634	601	759	790	6.4	6.4	0.33	1.8	0.99	256
571.6	812.8	155.575	158.75	120.65	6.4	6.4	3790	8760	370	470	143.2	M278749/M278710	595	630	750	775	6.4	6.4	0.33	1.8	0.99	254
584.2	685.8	49.212	49.212	34.925	3.5	3.3	735	1970	370	470	114.3	LL778149/LL778110	613	599	663	675	3.5	3.3	0.44	1.4	0.75	29.6
	901.7	150.02	139.7	107.95	7.9	9.5	3900	7360	360	460	152.6	EE662303/663550	610	670	830	840	7.9	9.5	0.33	1.81	1	319
596.9	685.8	31.75	31.75	25.4	3.5	3.3	380	995	340	450	124.9	680235/680270	621	610	664	675	3.5	3.3	0.52	1.1	0.63	17.4
602.945	787.4	93.662	93.662	69.85	6.4	6.4	2000	4800	340	450	129.2	EE649237/649310	655	629	749	771	6.4	6.4	0.37	1.6	0.89	115
607.72	787.4	93.662	93.662	69.85	6.4	6.4	2000	4800	340	450	129.2	EE649239/649310	658	631	749	771	6.4	6.4	0.37	1.6	0.89	111
609.345	787.4	93.663	93.662	69.85	6.4	6.4	1980	4970	340	450	126.9	EE649238/649310	635	650	740	750	6.4	6.4	0.37	1.61	0.89	112
609.397	762	95.25	92.075	71.438	6.4	6.4	1700	4510	340	450	153	L879946/L879910	635	640	720	740	6.4	6.4	0.49	1.23	0.67	91.4
609.6	762	95.25	92.075	71.438	6.4	6.4	1780	4700	340	450	152.9	L879947/L879910	656	627	722	750	6.4	6.4	0.49	1.2	0.68	93.3
	774.7	85.725	79.375	60.32	6.4	6.4	1780	4250	340	450	130.5	L580049/L580010	654	634	737	755	6.4	6.4	0.4	1.5	0.82	90.1
	787.4	93.662	93.662	69.85	6.4	6.4	2000	4800	340	450	129.2	EE649240/649310	659	632	749	771	6.4	6.4	0.37	1.6	0.89	110
	787.4	93.662	93.662	69.85	6.4	6.4	2000	4800	340	450	125	EE649240AX/649310	637	643	760	755	6	6	0.37	1.6	0.9	110
	812.8	82.55	82.55	60.325	6.4	6.4	1910	4290	340	450	112.7	EE743240/743320	635	660	755	765	6.4	6.4	0.33	1.83	1.01	112
635	736.6	57.15	53.975	41.275	3.3	3.3	870	2500	340	450	125	80780/80720	664	648	712	726	3.3	3.3	0.44	1.4	0.75	36.6
653.928	933.45	179.388	177.8	141.288	12	6.4	5040	11500	320	430	167.7	M281635/M281610	690	720	870	890	12	6.4	0.33	1.8	0.99	384
660.235	812.8	95.25	95.25	73.025	6.4	6.4	2000	5270	320	430	123.8	L281146/L281110	685	695	775	790	6.4	6.4	0.33	1.8	0.99	100
660.4	812.8	95.25	95.25	73.025	6.4	6.4	2000	5270	320	430	123.8	L281147/L281110	685	695	775	790	6.4	6.4	0.33	1.8	0.99	100
	812.8	95.25	95.25	73.025	6.4	6.4	2200	5900	320	430	123.1	L281148/L281110	701	678	778	799	6.4	6.4	0.33	1.8	0.99	105
	854.075	85.725	85.468	60.325	9.7	6.4	2000	4650	320	430	124.5	EE749260/749336	712	690	813	831	9.7	6.4	0.35	1.7	0.94	119

Single-row Taper Roller Bearing
(Inch Series)

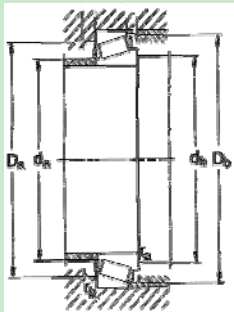
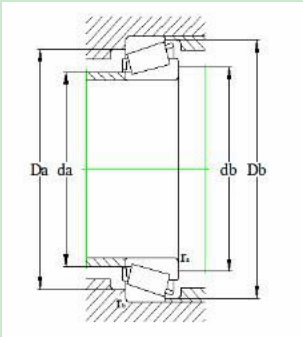
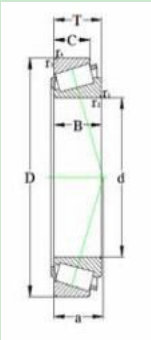
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基本尺寸(mm) Boundary Dimensions							基本额定载荷(kN) Basic Load Ratings		极限转速(rpm) Speed Ratings 脂润滑 油润滑 Grease Oil		作用点 Load Center Spacings a	轴承代号 Bearing Numbers	相关安装尺寸(mm) Abutment and Fillet Dimensions						计算系数 Calculation Factors			质量(kg) Mass 参考 Refer.
d	D	T	B	C	r1.2min	r3.4min	Cr	Cor					dmax	dbmin	Damax	Dbmin	ramax	rdbmax	e	Y	Y0	
673.1	793.75	66.675	61.912	49.212	6.4	6.4	995	2660	320	430	119.7	LL481448/LL481411	708	691	764	781	6.4	6.4	0.36	1.7	0.92	52
679.45	901.7	142.875	142.875	111.125	9.7	6.4	3580	9000	280	380	149	LM281849/LM281810	730	728	870	867	9	6	0.33	1.8	1	242
685.8	876.3	93.662	92.075	69.85	6.4	6.4	2160	5550	300	400	149.9	EE655270/655345	737	712	832	857	6.4	6.4	0.42	1.4	0.79	134
711.2	914.4	85.725	82.55	60.325	6.4	6.4	1870	4800	280	380	140.5	EE755280/755360	767	746	870	891	6.4	6.4	0.38	1.6	0.87	136
719.854	914.4	84.138	80.963	60.325	4.8	6.4	1760	4470	280	380	139.3	EE755282/755360	740	780	870	870	4.8	6.4	0.38	1.58	0.87	123
723.9	914.4	84.138	80.962	60.325	3.3	6.4	1870	4800	280	380	140.5	EE755285/755360	770	752	870	891	3.3	6.4	0.38	1.6	0.87	126
736.6	825.5	31.75	31.75	25.4	3.5	3.3	429	1370	300	400	119	LL582949/LL582910B	754	767	804	809	3	3	0.4	1.5	0.8	22.5
	825.5	31.75	31.75	25.4	3.6	3.2	497	1550	300	400	117	LL582949/LL582910	755	760	800	800	3.6	3.2	0.4	1.51	0.83	21.3
749.3	965.2	93.663	80.963	66.675	6.4	3.2	1830	4790	280	380	159.7	EE752295/752380	775	820	910	920	6.4	3.2	0.4	1.49	0.82	152
	990.6	159.5	160.338	123	6.4	6.4	4400	11700	280	380	165.2	LM283649/LM283610	815	782	938	969	6.4	6.4	0.33	1.8	0.99	329
758.825	901.7	66.675	65.088	46.038	6.4	6.4	1410	3790	280	380	149.9	LL783647/LL783610	785	790	870	870	6.4	6.4	0.44	1.36	0.75	71.2
759.925	889	69.85	69.85	50.8	3.3	3.3	1230	3800	280	380	132	LL483448/33483418	782	785	867	858	3	3	0.37	1.6	0.9	67.5
	889	88.9	88.9	72	3.3	3.3	1940	6200	260	360	123	L183448/L183410	782	785	867	872	3	3	0.3	2	1.1	94
762	889	63.5	63.5	50.8	3.3	3.3	1160	3450	280	380	131.4	EE175301/175350	797	780	861	876	3.3	3.3	0.38	1.6	0.87	64.4
	889	69.85	69.85	50.8	3.2	3.2	1290	3920	280	380	132.3	EE175300/175350	780	790	860	860	3.2	3.2	0.38	1.58	0.87	69
	889	69.85	69.85	50.8	3.3	3.3	1160	3450	280	380	133.8	LL483449/LL483418	797	780	861	875	3.3	3.3	0.38	1.6	0.87	68.1
	889	88.9	88.9	72	3.3	3.3	1940	6200	260	360	123	L183449/L183410	784	785	867	872	3	3	0.3	2	1.1	92.5
	901.7	66.675	65.088	46.038	6.4	6.4	1410	3790	260	360	149.9	LL783649/LL783610	785	790	870	870	6.4	6.4	0.44	1.36	0.75	69.3
774.7	965.2	93.662	80.962	66.675	6.4	3.3	2100	5200	260	360	158.8	EE752300/752380	815	793	926	943	6.4	3.3	0.4	1.5	0.83	147
	965.2	93.662	80.962	66.675	6.4	3.3	2100	5200	240	340	159.7	EE752306/752380	800	820	910	920	6.4	3.2	0.4	1.49	0.82	133
	965.2	93.662	80.962	66.675	6.4	3.3	2100	5200	240	340	158.8	EE752305/752380	822	800	926	943	6.4	3.3	0.4	1.5	0.83	137
857.25	1092.2	120.65	111.125	76.2	19	6.4	2810	7350	200	300	228	EE157337/157430	912	912	1062	1047	18	6	0.57	1.05	0.6	245
889	1123.95	120.65	111.125	76.2	19	6.4	2860	6850	200	300	199	EE158350/158442	940	940	1070	1080	19	6.4	0.45	1.34	0.73	237

Single-row Taper Roller Bearing
(Inch Series)

WSW



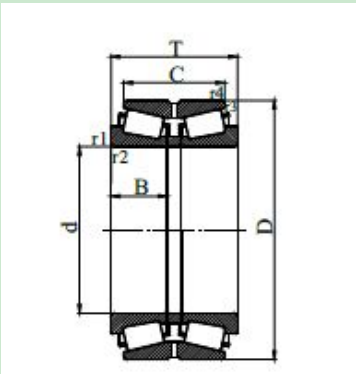
基本尺寸(mm) Boundary Dimensions							基本额定载荷(kN) Basic Load Ratings		极限转速(rpm) Speed Ratings 脂润滑 油润滑 Grease Oil		作用点 Load Center Spacings a	轴承代号 Bearing Numbers	相关安装尺寸(mm) Abutment and Fillet Dimensions						计算系数 Calculation Factors			质量(kg) Mass 参考 Refer.
d	D	T	B	C	r1.2min	r3.4min	Cr	Cor					damax	dbmin	Damax	Dbmin	ramax	rbbmax	e	Y	Y0	
977.9	1130.3	66.675	63.5	47.625	6.4	6.4	1460	4350	180	260	182.9	LL687949/LL687910	1019	1002	1095	1112	6.4	6.4	0.43	1.4	0.76	101
1016	1270	101.6	101.6	66.675	9.7	9.7	2750	7500			229	EE168400/168500	1054	1087	1232	1214	9	9	0.5	1.2	0.7	275
1066.8	1219.2	65.088	65.088	42.862	3.3	3.3	1520	4750			209	LL788349/LL788310	1106	1090	1187	1202	3.3	3.3	0.47	1.3	0.7	108
1066.8	1320.8	95.25	88.9	69.85	6.4	6.4	2660	7140			170.5	EE776420/776520	1090	1140	1260	1280	6.4	6.4	0.57	1.05	0.58	270
1092.2	1320.8	95.25	88.9	69.85	6.4	6.4	2730	7650			270.7	EE776430/776520	1153	1128	1269	1301	6.4	6.4	0.57	1.1	0.58	249
1155.7	1435.1	120.65	120.65	95.25	6.4	6.4	4150	12000			207.3	EE277455/277565	1227	1199	1377	1403	6.4	6.4	0.36	1.7	0.92	431
1270	1435.1	69.85	65.088	47.625	6.4	6.4	1630	5550			285.4	LL889049/LL889010	1315	1294	1392	1413	6.4	6.4	0.57	1.1	0.58	144

Double Row Taper Roller Bearing



Double Row Taper Roller Bearing(Metric Series)

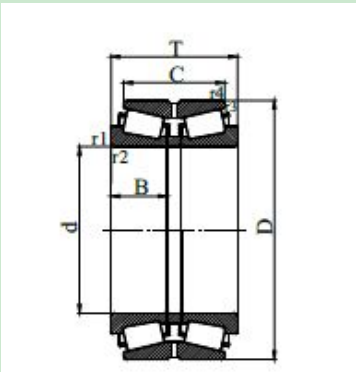
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外形尺寸 mm Boundary Dimensions							轴承代号 Bearing Numbers		Bore Size mm d	基本载荷KN Basic Load Ratings		Limit Speed rpm		计算参数 Calculation Factors				参考重量 Mass kg
d	D	T	B	C	r _{1, 2min}	r _{3, 4min}	NEW	OLD		Gr	Cor	脂 Grease	油 Oil	e	Y ₁	Y ₂	Y ₀	
100	180	107	46	87	3.0	1.0	352220E	97520E	100	555	925	1400	1900	0.42	1.6	2.4	1.6	10.7
110	180	95	42	76	2.0	0.6	352122	2097722	110	422	840	1300	1700	0.25	2.7	4.0	2.6	10.2
	200	121	53	101	3.0	1.0	352222E	97522E		698	1210	1200	1600	0.42	1.6	2.4	1.6	15.5
	200	125	56.5	102	3.0	1.0	352222X2	97522		595	1120	1200	1600	0.39	1.7	2.6	1.7	16.4
120	200	110	48	90	2.0	0.6	352124	2097724	120	508	910	1100	1500	0.30	2.2	3.3	2.2	12.6
	215	132	58	109	3.0	1.0	352224E	97524E		775	1360	1100	1400	0.44	1.6	2.3	1.5	18.9
	215	132	60	106	3.0	1.0	352224X2	97524		698	1340	1100	1400	0.41	1.6	2.5	1.6	19.1
130	180	70	30	50	2.0	0.6	352926X2	2097926	130	258	565	1200	1600	0.27	2.5	3.7	2.4	4.88
	200	95	42.5	75	2.5	0.6	352026X2	2097126		422	830	1100	1500	0.35	1.9	2.9	1.9	9.72
	210	110	48	90	2.0	0.6	352126	2097726		540	1000	1000	1400	0.26	2.6	3.8	2.5	12.9
	230	145	64	117.5	4.0	1.0	352226E	97526E		895	1630	1000	1300	0.44	1.6	2.3	1.5	24.1
140	210	95	41.5	75	2.5	0.6	352028X2	2097128	140	448	900	950	1300	0.37	1.8	2.7	1.8	8.35
	225	115	50	90	2.5	1.0	352128	2097728		560	1110	950	1300	0.34	2.0	3.0	2.0	15.3
	250	153	68	125.5	4.0	1.0	352228E	97528E		1050	1840	850	1100	0.44	1.6	2.3	1.5	30.1
	250	158	73	128	4.0	1.0	352228X2	97528		985	1840	850	1100	0.33	2.1	3.1	2.0	30.6
150	210	80	35	62	2.5	0.6	352930X2	2097930	150	352	790	950	1300	0.27	2.5	3.7	2.4	9.32
	250	138	60	112	2.5	1.0	352130	2097730		778	1560	850	1100	0.30	2.2	3.3	2.2	25.8
	270	172	80	138	4.0	1.0	352230X2	97530E		1070	2180	800	1100	0.39	1.7	2.6	1.7	38.9
160	240	115	51	90	3.0	1.0	352032X2	2097132	160	608	1260	850	1100	0.37	1.8	2.7	1.8	16.5
	270	150	66	120	2.5	1.0	352132	2097732		872	1720	800	1000	0.36	1.9	2.8	1.8	28.2
	290	178	80	144	4.0	1.0	352232E	97532E		1390	2840	700	1000	0.44	1.6	2.3	1.5	46.9
165	290	150	70	125	3.0	1.0	350633	97833	165	1100	2300	850	1100	0.37	1.8	2.7	1.8	41.1
170	230	82	36	65	2.5	0.6	352934X2	2097934	170	395	922	850	1100	0.28	2.4	3.6	2.3	8.11
	260	120	54	95	3.0	1.0	352034X2	2097134		672	1460	800	1000	0.31	2.2	3.2	2.1	20.4
	280	150	66	120	2.5	1.0	352134	2097734		962	2000	750	950	0.38	1.8	2.6	1.7	35.6
	310	192	86	152	5.0	1.1	352234E	97534E		1580	3200	750	950	0.44	1.6	2.3	1.5	58.2

Double Row Taper Roller Bearing(Metric Series)

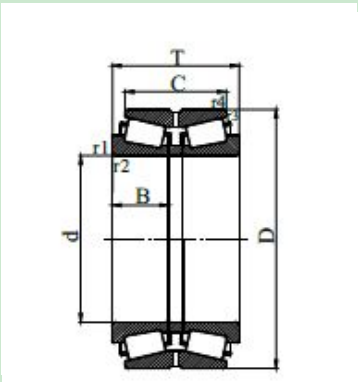
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外形尺寸							轴承代号		Bore Size	基本载荷KN		Limit Speed rpm		计算参数				参考重量
mm							Bearing Numbers		mm	Basic Load Ratings				Calculation Factors				Mass
d	D	Boundary T	Dimensions B	C	r _{1, 2min}	r _{3, 4min}	NEW	OLD	d	Cr	Cor	Grease	Oil	e	Y ₁	Y ₂	Y ₀	kg
180	250	95	42.5	74	2.5	0.6	352936X2	2097936	180	468	1080	800	1000	0.37	1.8	2.7	1.8	13.2
	280	134	61	108	3.0	1.0	352036X2	2097136		742	1540	750	950	0.28	2.4	3.6	2.4	28.5
	300	164	72	134	3.0	1.0	352136	2097736		1100	2350	700	900	0.26	2.6	3.8	2.6	39.9
	320	192	86	152	5.0	1.1	352236E	97536E		1620	3350	670	850	0.45	1.5	2.2	1.5	63.8
190	260	95	41.5	75	2.5	0.6	352938X2	2097938	190	522	1270	750	950	0.38	1.8	2.6	1.7	13.3
	290	134	61	104	3.0	1.0	352038X2	2097138		742	1540	700	900	0.45	1.5	2.2	1.5	28.8
	320	170	78	130	3.0	1.0	352138	2097738		1160	2420	670	850	0.31	2.2	3.2	2.1	52.5
	340	204	92	160	5.0	1.1	352238E	97538E		1740	3350	600	800	0.44	1.6	2.3	1.5	69.8
200	280	105	46.5	80	3.0	1.0	352940X2	2097940	200	610	1520	700	900	0.39	1.8	2.6	1.7	18.1
	310	152	70	120	3.0	1.0	352040X2	2097140		912	2140	670	850	0.39	1.7	2.6	1.7	39.4
	340	184	82	150	3.0	1.0	352140	2097740		1450	2970	630	800	0.25	2.7	4.0	2.7	63.8
	360	218	98	174	5.0	1.1	352240E	97540E		2140	3950	560	700	0.41	1.7	2.5	1.6	93.3
220	300	110	49	88	3.0	1.0	352944X2	2097944	220	660	1580	670	850	0.31	2.2	3.2	2.1	21.7
	340	165	76	130	4.0	1.0	352044X2	2097144		1240	2680	600	750	0.35	1.9	2.9	1.9	49.5
	370	195	88	150	4.0	1.1	352144	2097744		1540	3240	600	750	0.37	1.8	2.7	1.8	76.3
240	320	110	49	90	3.0	1.0	352948X2	2097948	240	660	1580	600	750	0.32	2.1	3.1	2.1	22.2
	360	165	76	130	4.0	1.0	352048X2	2097148		1240	2820	530	670	0.33	2.0	3.0	2.0	52.8
	400	210	95	163	4.0	1.1	352148	2097748		1870	4050	500	630	0.31	2.2	3.2	2.1	98.1
260	360	134	61	108	3.0	1.0	352952X2-1	2097952	260	942	2490	530	670	0.37	1.8	2.7	1.8	37.3
	400	186	87	146	5.0	1.1	352052X2	2097152		1570	3600	500	630	0.30	2.3	3.3	2.2	79.3
	440	225	106	180	4.0	1.1	352152	2097752		2210	4720	450	560	0.24	2.8	4.2	2.8	124
280	380	134	61	108	3.0	1.0	352956X2	2097956	280	1080	2810	480	600	0.29	2.3	3.4	2.3	41.3
	420	186	85	146	5.0	1.1	352056X2	2097156		1700	3880	450	560	0.37	1.8	2.7	1.8	81.5
300	420	160	72	128	4.0	1.0	352960X2-1	2097960	300	1360	3610	450	560	0.28	2.4	3.6	2.3	60.8
	460	210	97	165	5.0	1.1	352060X2	2097160		1830	4390	430	530	0.31	2.2	3.2	2.1	117
	500	205	90	165	5.0	1.5	351160	1097760		2110	4460	400	500	0.32	2.1	3.2	2.1	143

Double Row Taper Roller Bearing(Inch Series)

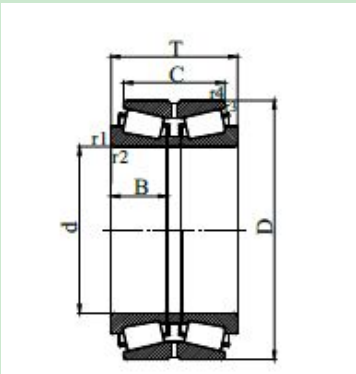
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外形尺寸 mm Boundary Dimensions							轴承代号 Bearing Numbers		Bore Size mm d	基本载荷KN Basic Load Ratings		Limit Speed rpm 脂 油 Grease Oil		计算参数 Calculation Factors				参考重量 Mass kg
d	D	T	B	C	r _{1,2min}	r _{3,4min}	NEW	OLD		Cr	Cor			e	Y ₁	Y ₂	Y ₀	
320	440	160	72	128	4.0	1.0	352964X2	2097964	320	1410	3830	430	530	0.30	2.3	3.3	2.2	67.6
	480	210	97	160	5.0	1.1	352064X2	2097164		1830	4390	400	500	0.42	1.6	2.4	1.6	122
340	460	160	72	128	4.0	1.0	352968X2	2097968	340	1450	4050	400	500	0.31	2.2	3.2	2.1	71.5
	520	180	82	135	5.0	1.5	351068	97168		1870	4070	380	480	0.29	2.3	3.4	2.3	128
	580	242	106	170	5.0	1.5	351168	1097768		2870	5970	340	430	0.42	1.6	2.4	1.6	235
360	480	160	72	128	4.0	1.0	352972X2	2097972	360	1490	4270	380	480	0.33	2.1	3.1	2.0	74.3
	540	185	82	140	5.0	1.5	351072	97172		2120	4910	360	450	0.30	2.3	3.3	2.2	132
	600	242	106	170	5.0	1.5	351172	1097772		2950	6270	320	400	0.44	1.5	2.3	1.5	235
380	520	145	65	105	4.0	1.1	351976	1097976	380	1210	3250	360	450	0.43	1.6	2.3	1.6	80.3
	560	190	82	140	5.0	1.5	351076	97176		2150	5090	340	430	0.31	2.2	3.2	2.1	146
	620	242	106	170	5.0	1.5	351176	1097776		3310	7430	300	380	0.46	1.5	3.2	1.4	264
400	540	150	65	105	4.0	1.1	351980	1097980	400	1210	3110	320	400	0.45	1.5	2.2	1.5	86.9
	600	206	90	150	5.0	1.5	351080	97180		2620	6380	300	380	0.40	1.7	2.5	1.7	180
420	560	145	65	105	4.0	1.1	351984	1097984	420	1450	3740	300	380	0.31	2.2	3.2	2.1	88.8
	620	206	90	150	5.0	1.5	351084	97184		2650	6600	280	360	0.41	1.6	2.5	1.6	196
	700	275	122	200	6.0	2.5	351184	1097784		4270	8810	240	320	0.32	2.1	3.2	2.1	392
440	600	170	74	125	4.0	1.1	351988	1097988	440	1890	4860	280	360	0.39	1.8	2.6	1.7	114
	650	212	94	152	6.0	2.5	351088	97188		2750	7020	260	340	0.43	1.6	2.3	1.5	213
460	620	174	74	130	4.0	1.1	351992	1097992	460	1910	4990	260	340	0.40	1.7	2.5	1.7	128
	680	230	100	175	6.0	2.5	351092	97192		3320	8160	220	300	0.31	2.2	3.2	2.1	253
480	650	180	78	130	5.0	1.5	351996	1097996	480	1950	5270	240	320	0.42	1.6	2.0	1.6	133
	700	240	100	180	6.0	2.5	351096	97196		3330	8190	200	280	0.32	2.1	3.1	2.1	281
	790	310	136	224	7.5	3.0	351196	1097796		5000	11990	180	240	0.41	1.6	2.5	1.6	561
500	670	180	78	130	5.0	1.5	3519/500	10979/500	500	2150	6120	220	300	0.44	1.5	2.3	1.5	129
	720	236	100	180	6.0	2.5	3510/500	971/500		3390	8450	190	260	0.33	2.0	3.0	2.0	289
530	710	190	82	136	5.0	1.5	3519/530	10979/530	530	2390	6800	190	260	0.41	1.6	2.5	1.6	192

Double-row Taper Roller Bearing (Inch Series)

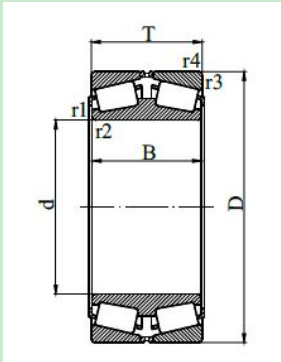
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外形尺寸 mm Boundary Dimensions							轴承代号 Bearing Numbers		Bore Size mm	基本载荷KN Basic Load Ratings		Limit Speed rpm 脂 油		计算参数 Calculation Factors				参考重量 Mass
d	D	T	B	C	r _{1, 2min}	r _{3, 4min}	NEW	OLD	d	Cr	Cor	Grease	Oil	e	Y ₁	Y ₂	Y ₀	kg
560	750	213	85	156	5.0	1.5	3519/560	10979/560	560	2550	7060	170	220	0.44	1.5	2.3	1.5	235
	820	260	115	185	6.0	2.5	3510/560	971/560		4340	10800	160	200	0.40	1.7	2.5	1.7	410
600	800	205	90	156	5.0	1.5	3519/600	10979/600	600	3210	9460	150	190	0.33	2.1	3.1	2.0	265
	870	270	118	198	6.0	2.5	3510/600	971/600		4880	12730	130	170	0.41	1.6	2.5	1.6	500
630	850	242	100	182	6.0	2.5	3519/630	10979/630	630	3730	10390	130	170	0.40	1.7	2.5	1.7	368
670	1090	410	185	295	7.5	3.0	3511/670	10977/670	670	9680	23200	90	120	0.32	2.1	3.2	2.1	1370
710	950	240	106	175	6.0	2.5	3519/710	10979/710	710	4070	12400	100	140	0.49	1.5	2.2	1.4	444
	1030	315	140	220	7.5	3.0	3510/710	971/710		6560	17930	90	120	0.43	1.6	2.3	1.5	810
750	1000	264	112	194	6.0	2.5	3519/750	10979/750	750	5020	14480	90	120	0.40	1.7	2.5	1.6	499
800	1060	270	115	204	6.0	2.5	3519/800	10979/800	800	5020	15000	80	100	0.35	1.9	2.9	1.9	604
850	1120	268	118	188	6.0	2.5	3519/850	10979/850	850	5460	16860	75	95	0.46	1.5	2.2	1.5	636
900	1180	275	122	205	6.0	2.5	3519/900	10979/900	900	5000	16200	70	90	0.39	1.7	2.6	1.7	730
950	1250	300	132	220	7.5	3.0	3519/950	10979/950	950	6790	21100	—	—	0.33	2.0	3.0	2.0	910

Double-row Taper Roller Bearing (Inch Series)

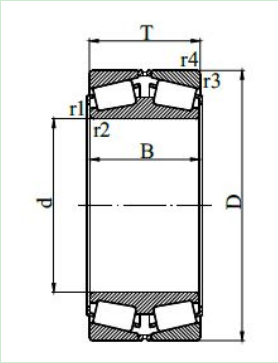
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外形尺寸mm Boundary Dimensions						基本载荷KN Basic Load Ratings		轴承代号 Bearing Numbers	Bore Size mm d	计算参数 Calculation Factors				参考国外轴承代号 Reference Models Abroad			参考重量 Mass kg
d	D	T	B	r _{1,2min}	r _{3,4min}	Cr	Cor			e	Y ₁	Y ₂	Y ₀	SKF	FAG	TIMKEN	
152.400	222.250	84.138	84.138	1.5	1.5	605	1250	IDTB0001	152.400	0.33	2.00	3.00	2.00	331387		M231649D-M231610	11.5
177.800	247.650	90.488	90.488	1.5	3.3	660	1500	IDTB0002	177.800	0.44	1.50	2.30	1.40	331814	540696	67790D-67720	13.2
	288.925	123.825	123.825	1.5	3.3	1300	2280	IDTB0003		0.31	2.20	3.30	2.20	BT2B332534/HA1		94706D-94113	31.5
203.200	317.500	133.350	133.350	6.4	3.3	1170	2400	IDTB0004	203.200	0.52	1.30	1.90	1.30	BT2B332799			40.5
	368.300	158.750	152.400	3.3	3.3	1870	3350	IDTB0005		0.40	1.70	2.50	1.60	BT2B332683/HA1	541379		75.2
206.375	282.575	87.312	87.312	0.8	3.3	704	1660	IDTB0006	206.375	0.50	1.35	2.00	1.30	331388			17.3
	336.550	180.975	184.150	1.5	3.3	2120	4300	IDTB0007		0.33	2.00	3.00	2.00	BT2B328834		H242649D-H242610	66.5
220.000	340.000	140.000	200.000	1.5	3	1650	3350	IDTB0008	220.000	0.43	1.60	2.30	1.60	BT2B332873/HA4			50.5
234.950	327.025	93.662	93.662	1.5	3.3	842	2120	IDTB0009	234.950	0.40	1.70	2.50	1.60	BT2B332492			25.5
240.000	480.000	220.000	200.000	2.5	5	3360	5500	IDTB0010	240.000	0.72	0.94	1.40	0.90	BT2B332931			183
254.000	358.775	130.175	130.175	1.5	3.3	1540	3550	IDTB0011	254.000	0.33	2.00	3.00	2.00	332296/HA1	511577	M249748-M249710	43.5
	438.150	165.100	165.100	3.3	6.4	2510	4250	IDTB0012		0.35	1.90	2.90	1.80	BT2B332536/HA1	547757		100
269.875	381.000	136.525	136.525	3.3	3.3	1650	3750	IDTB0013	269.875	0.33	2.00	3.00	2.00	331223A	517563A	M252349D-M252310	51.2
279.587	380.898	117.475	117.475	1.5	3.3	1230	3200	IDTB0014	279.587	0.43	1.60	2.30	1.60	BT2B332899/HA1			41.5
288.925	406.400	165.100	234.950	1.6	3.2	2240	4900	IDTB0015	288.925	0.33	2.00	3.00	2.00	BT2B332870/HA4			73.5
300.038	422.275	150.812	150.812	3.3	3.3	2050	4750	IDTB0016	300.038	0.33	2.00	3.00	2.00	331951	542664	HM256849D-HM256810	70.3
303.212	495.300	263.525	263.525	3.3	6.4	4570	9800	IDTB0017	303.212	0.33	2.00	3.00	2.00	BT2B332685/HA1			212
317.500	422.275	128.588	128.588	1.5	3.3	1680	4150	IDTB0018	317.500	0.31	2.20	3.30	2.20	BT2B328699G/HA1		LM528648DW-LM528610	51.5
333.375	469.900	166.688	166.688	3.3	3.3	2460	5700	IDTB0019	333.375	0.33	2.00	3.00	2.00	BT2B328695A/HA1	510687A	HM261049TD-HM261010	92.5
	469.900	166.688	231.775	1.6	3.3	2460	5700	IDTB0020		0.33	2.00	3.00	2.00	BT2B332871/HA4			98.8
342.900	533.400	139.700	146.050	3.3	3.3	2380	4400	IDTB0021	342.900	0.33	2.00	3.00	2.00	331713A	515956		115
	533.400	139.700	146.050	3.3	3.3	2380	4400	IDTB1021		0.33	2.00	3.00	2.00	331713B			115
343.052	457.098	122.238	122.238	1.5	3.3	1510	3400	IDTB0022	343.052	0.48	1.40	2.10	1.40	332240A		LM761649DW-LM761610	54.6
346.075	488.950	104.775	95.250	1.5	6.4	1170	2750	IDTB0023	346.075	0.50	1.35	2.00	1.30	BT2B332913/HB1			62.5
	488.950	174.625	174.625	3.3	3.3	2640	6300	IDTB0024		0.33	2.00	3.00	2.00	BT2B328410C/HA1		HM262749TD-HM262710	113
	488.950	174.625	174.625	3.3	3.3	2550	6000	IDTB1024		0.33	2.00	3.00	2.00	331527C		EE161362D-EE161925	110

Double-row Taper Roller Bearing (Inch Series)

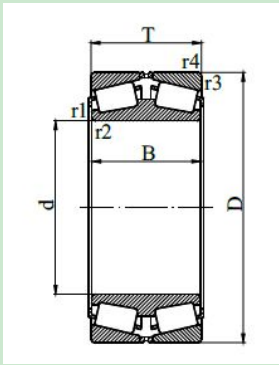
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外形尺寸mm Boundary Dimensions							基本载荷KN Basic Load Ratings		轴承代号 Bearing Numbers	Bore Size mm d	计算参数 Calculation Factors				参考国外轴承代号 Reference Models Abroad			参考重量 Mass kg
d	D	T	B	r _{1, 2min}	r _{3, 4min}		Cr	Cor			e	Y ₁	Y ₂	Y ₀	SKF	FAG	TIMKEN	
360.000	680.000	330.000	300.000	4.0	7.5		7210	13400	IDTB0025	360.000	0.60	1.10	1.70	1.10	331729			540
368.300	523.875	185.738	185.738	3.3	6.4		3140	7500	IDTB0026	368.300	0.33	2.00	3.00	2.00	BT2B331836	HM265049D-HM265010		133
	523.875	185.738	185.738	3.3	6.4		3140	7500	IDTB1026		0.33	2.00	3.00	2.00	BT2B332468A/HA1	HM265049TD-HM265010		140
	596.900	165.100	158.750	6.4	6.4		3080	5850	IDTB0027		0.40	1.70	2.50	1.60	331905			160
384.175	546.100	193.675	193.675	3.3	6.4		3470	8300	IDTB0028	384.175	0.33	2.00	3.00	2.00	331158A	518240	HM266449DW-HM266410	152
390.000	546.100	141.288	141.288	3.3	6.4		2200	5100	IDTB0029	390.000	0.48	1.40	2.10	1.40	BT2B328705/HA1			102
406.400	546.100	138.113	138.113	1.5	6.4		2200	5100	IDTB0030	406.400	0.48	1.40	2.10	1.40	BT2B331840C/HA1	LM767749DW-LM767710		89.3
408.400	546.100	120.000	98.000	1.0	3.0		1510	3450	IDTB0031	408.400	0.88	0.77	1.15	0.80	BT2B328874/HA1			76.5
	546.100	150.000	125.000	1.5	3.3		1830	4750	IDTB0032		0.83	0.80	1.20	0.80	BT2B328466/HA1			99.4
409.575	546.100	161.925	161.925	1.5	6.4		2510	6550	IDTB0033	409.575	0.43	1.60	2.30	1.60	331714B	M667947DW-M667910		110
415.925	590.550	209.550	209.550	3.3	6.4		3910	9650	IDTB0034	415.925	0.33	2.00	3.00	2.00	BT2B328283/HA1	M268749DW-M268710		192
	590.550	209.550	209.550	3.3	6.4		3910	9650	IDTB1034		0.33	2.00	3.00	2.00	331445			192
430.000	535.000	84.000	84.000	1.0	3.0		1080	3000	IDTB0035	430.000	0.54	1.30	1.80	1.30	BT2B334013/HA1			44.5
447.625	635.000	223.838	223.838	3.3	6.4		4400	11000	IDTB0036	447.625	0.33	2.00	3.00	2.00	331562	518667	M270749DW-M270710	236
	635.000	223.838	223.838	3.3	6.4		4400	11000	IDTB1036		0.33	2.00	3.00	2.00	BT2B332911C/HA1	M270749TD-M270710		246
	635.000	223.838	223.838	3.3	6.4		4400	11000	IDTB2036		0.33	2.00	3.00	2.00	BT2B332911B/HB1	M270749TD-M270710/CL3		246
450.000	595.000	178.000	178.000	3.0	6.0		2970	8150	IDTB0037	450.000	0.33	2.00	3.00	2.00	BT2B328523/HA1	M270749DA/M270410		140
464.000	615.950	150.000	136.000	1.5	4.0		2160	5850	IDTB0038	464.000	0.83	0.80	1.20	0.80	BT2B328361/HA1			125
489.026	634.873	152.400	152.400	3.3	3.3		2750	7350	IDTB0039	489.026	0.35	1.90	2.90	1.80	BT2B331848	EE243193D-243250		130
491.000	635.000	148.000	128.000	1.5	3.3		1900	5300	IDTB0040	491.000	1.00	0.68	1.00	0.66	BT2B328381/HA1			120
500.000	730.000	280.000	280.000	3.0	6.0		6600	15600	IDTB0041	500.000	0.31	2.20	3.30	2.20	331676A			420
501.650	711.200	250.825	250.825	3.2	6.4		5500	13700	IDTB0042	501.650	0.33	2.00	3.00	2.00	331182	503772	M274149D-M274110	330
	673.100	184.150	184.150	3.3	6.4		3910	9650	IDTB1042		0.31	2.20	3.30	2.20	BT2B332547/HA1	M275349D-M275310		190
519.112	736.600	258.762	258.762	3.3	6.4		6050	15600	IDTB0043	519.112	0.33	2.00	3.00	2.00	BT2B332662/HB1			370
	736.600	258.762	258.762	3.3	4.0		6050	15600	IDTB1043		0.33	2.00	3.00	2.00	BT2B334009/HB1			370
522.000	690.000	180.000	160.000	1.5	6.4		2860	8300	IDTB0044	522.000	0.79	0.85	1.25	0.80	BT2B328359/HA1			190

Double-row Taper Roller Bearing (Inch Series)

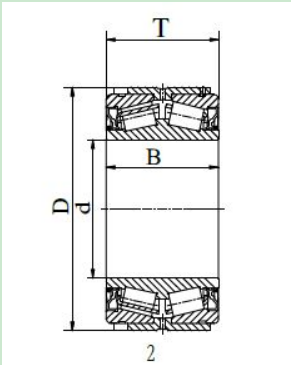
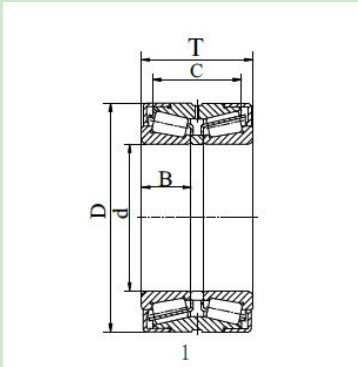
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外形尺寸mm Boundary Dimensions						基本载荷KN Basic Load Ratings		Bearing Numbers	Bore Size mm d	计算参数 Calculation Factors				参考国外轴承代号 Reference Models Abroad			参考重量 Mass kg
d	D	T	B	r _{1,2min}	r _{3,4min}	Cr	Cor			e	Y ₁	Y ₂	Y ₀	SKF	FAG	TIMKEN	
536.575	761.873	269.875	269.875	3.3	6.4	6270	16000	IDTB0045	536.575	0.33	2.00	3.00	2.00	331682	526165	M276448DW-M276410	410
558.800	736.600	196.850	196.850	3.3	6.4	4290	11600	IDTB0046	558.800	0.35	1.90	2.90	1.80	331607A	544145	LM377448DW-LM377410	235
	736.600	196.850	196.850	3.3	8.0	4290	11600	IDTB1046		0.35	1.90	2.90	1.80	331607B			235
560.000	820.000	242.000	242.000	2.5	6.4	5010	11400	IDTB0047	560.000	0.88	0.77	1.15	0.80	BT2B332626/HA7			425
571.500	812.800	285.750	285.750	3.3	6.4	7210	18000	IDTB0048	571.500	0.33	2.00	3.00	2.00	BT2B331854/HA1	543718	M278749DW-M278710	500
	812.800	285.750	285.750	3.3	6.0	7210	18000	IDTB1048		0.33	2.00	3.00	2.00	331476			500
580.000	830.000	280.000	280.000	3.0	6.4	6820	16600	IDTB0049	580.000	0.31	2.20	3.30	2.20	331677			515
609.600	787.400	171.450	171.450	3.3	6.4	4020	10600	IDTB0050	609.600	0.37	1.80	2.70	1.80	BT2B331858/HA1		EE649241DW-649310	218
	820.000	171.450	171.450	3.3	6.4	4020	10600	IDTB0051		0.37	1.80	2.70	1.80	BT2B332424/HA3	538086		265
650.000	1030.000	270.000	270.000	15.0	10.0	8800	18300	IDTB0052	650.000	0.31	2.20	3.30	2.20	BT3B328306/HA4			900
660.400	812.800	176.212	176.212	3.2	6.4	3580	11200	IDTB0053	660.400	0.33	2.00	3.00	2.00	331198		L281149D-L281110	195
682.625	965.200	338.138	338.138	3.3	6.4	9520	25000	IDTB0054	682.625	0.33	2.00	3.00	2.00	333129/HA4		M282249D-M282210	815
	965.200	338.138	338.138	3.3	6.4	9520	25000	IDTB1054		0.33	2.00	3.00	2.00	332129A/HA4			815
710.000	900.000	197.000	197.000	3.0	6.0	4730	13200	IDTB0055	710.000	0.35	1.90	2.90	1.80	331581A	532828		325
800.000	1260.000	375.000	375.000	12.0	12.0	14700		IDTB0056	800.000	0.33	2.00	3.00	2.00	BT2B334032/HA4			1850
863.600	1130.300	323.850	323.850	4.8	12.7	10600		IDTB0057	863.600	0.33	2.00	3.00	2.00	331590			895
	1130.300	323.850	323.850	4.8	12.7	31000		IDTB1057		0.33	2.00	3.00	2.00	331590A		LM286249DGW-LM286210	895
901.700	1295.400	450.850	438.150	4.8	12.7	16800		IDTB0058	901.700	0.35	1.90	2.90	1.80	331306	539945	EE634356D-634510	2000
939.800	1333.500	463.550	463.550	4.8	12.7	17600		IDTB0059	939.800	0.33	2.00	3.00	2.00	331350		LM287849DW-LM287810	2230

Double-row Taper Roller Bearing (Inch Series)

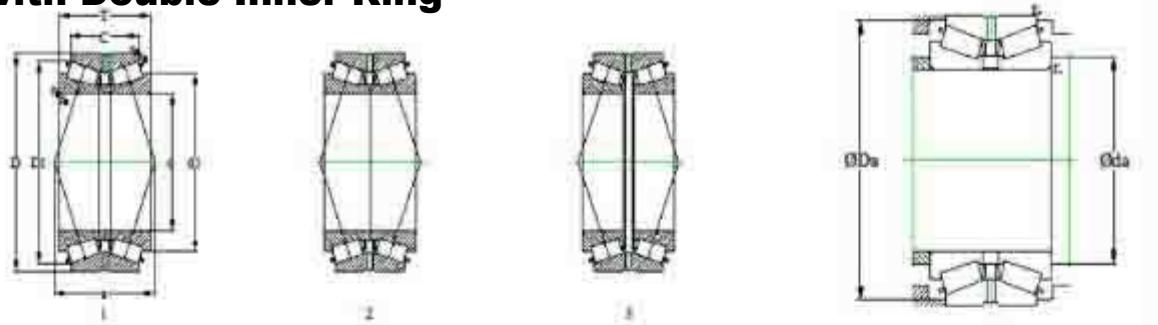
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外形尺寸mm Boundary Dimensions							Bearing Numbers	STYLE	Bore Size mm d	基本载荷KN Basic Load Ratings		计算参数 Calculation Factors				参考重量 Mass kg
d	D	T	B	C	r _{1, 2min}	r _{3, 4min}				Cr	Cor	e	Y ₁	Y ₂	Y ₀	
160.000	240.000	114.000	50.000	84.000	5.0	1.0	442212	1	160.000	626	1210	0.44	1.50	2.20	1.50	16.4
	290.000	178.000	89.000	140.000	3.0	1.0	352232X1D1-2LS	1		1520	2880	0.33	2.00	3.00	2.00	56.8
165.000	290.000	150.000	75.000	122.000	3.0	1.0	350633-2LS	1	165.000	1100	2300	0.37	1.80	2.70	1.80	41.4
200.000	290.000	121.000	53.000	88.000	5.0	1.0	442214	1	200.000	760	1600	0.43	1.60	2.30	1.60	24.6
247.650	406.400	247.650	115.825	200.000	6.4		3507/247.65X2-2LS	1	247.650	2650	5900	0.33	2.00	3.00	2.00	147
415.925	590.550	220.000	209.550	—	3.3	6.4	IDTB0034-2LS	2	415.925	3800	9500	0.33	2.00	3.00	2.00	188

Double-row Taper Roller Bearing with Double Inner Ring

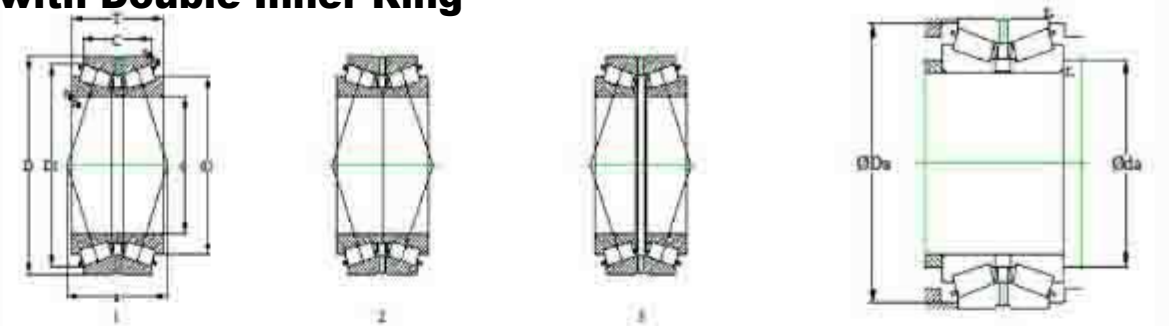
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基本尺寸(mm) Boundary Dimensions						基本额定载荷(kN) Basic Load Ratings		极限转速(rpm) Speed Ratings 脂润滑 油润滑		轴承代号 Bearing Numbers		结构 Design	相关安装尺寸 Abutment and Fillet Dimensions				计算系数 Calculation Factors				质量(kg) Mass (参考) Refer.
d	D	T	C	r1.2min	r3.4min	Cr	Cor	Grease	Oil	新型号 New	旧型号 Old		da min	Da max	fb max	fa max	e	Y1	Y2	Y0	
100	140	60	50	0.6	0.3	201	410	1800	2300	100TDO140-1		1	111	136	0.3	0.6	0.33	2	3.1	2	2.6
	150	46	37	2.5	0.6	180	293	1800	2300	100TDO150-1		1	110	141.5	0.6	2	0.35	1.95	2.9	1.91	2.53
	150	55	39.05	2.5	0.8	209	337	1800	2300	100TDO150-2		1	110	141.5	0.8	2	0.65	1.1	1.5	1	3
	150	76.2	61.976	3.5	0.6	282	513	1800	2300	100TDO150-3		1	110	141.5	0.6	2	0.4	1.7	2.5	1.6	4.25
	165	52	46	2.5	0.6	222	340	1700	2200	100TD165-1		1	115	156	0.6	2	0.33	2	3	2	4.04
	165	65	52	2.5	0.6	295	480	1700	2200	100TD165-2		1	118	158	0.6	2	0.39	1.7	2.6	1.7	5
	170	92	70	3	0.6	385	698	1700	2200	100TDO170-1		1	114	156.5	0.6	2	0.47	1.43	2.14	1.4	7.83
	180	83	67	3	1	395	570	1600	2200	100TDO180-1	97820	1	118	170	1	2.5	0.42	1.6	2.4	1.6	8.11
	180	105	85	3	1	490	765	1600	2200			1	121	172	1	2.5	0.42	1.6	2.4	1.6	10.3
	180	111	92	3	0.8	610	1080	1700	2200	100TDO140-1	97520EK	1	121	172	0.8	2.5	0.42	1.6	2.4	1.6	11.6
	180	140	115	2.5	1	585	1090	1700	2200			1	112	168.5	1	2	0.33	2.1	3.1	2	13.8
	190	125	100	3	1.3	580	1100	1500	2000		37720	2	114	179.5	1	2.5	0.33	2	3	2	14.9
	200	116	80	4	1.5	540	850	1500	2000	100TDO200-1		1	131	186	1.5	3	0.63	1.1	1.6	1	15.1
	215	112	87	4	1	700	995	1500	2000	100TDO215-1		1	130	204	1	3	0.35	1.9	2.9	1.9	18.4
	215	115	74	3	1	510	680	1500	2000	100TDO215-2		1	114	202	1	2.5	0.81	0.8	1.2	0.8	18.2
	215	143	118	3	1.5	975	1620	1500	2000	100TDO215-3		1	132	206	1.5	2.5	0.33	2.1	3.1	2	24.6
	215	162	127	4	1	980	1540	1400	1900	100TDO215-4		1	118	200	1	3	0.35	1.96	2.91	1.91	26.5
	304.8	184.16	127	SP	SP	1190	1630	1300	1800	100TDO304-1A		1	117	285	2	4	0.8	0.85	1.26	0.83	70
105	190	88	70	3	1	435	635	1500	2000	105TD190-1		1	123	181	1	2.5	0.42	1.6	2.4	1.6	9.21
	190	117	96	3	1	580	920	1500	2000	105TDO225-1	97521EK	1	128	183	1	2.5	0.42	1.6	2.4	1.6	12.7
	225	170	133	3	1	1090	1730	1500	2000			1	123	209	1	3	0.35	1.96	2.9	1.91	30.9
110	240	110	75	3	1	585	790	1500	2000	105TDO240-1		1	119	227.5	1	2.5	0.81	0.8	1.2	0.8	23.6
	150	80	60	0.6	0.3	210	450	1500	2000	110TDO1501		1	121	147	0.3	0.6	0.36	1.9	2.8	1.9	3.6
	160	57.5	47.5	1.5	0.5	218	450	1500	2000	110TDO160-1		1	118.5	146	0.5	1.5	0.36	1.9	2.8	1.9	3.41
	170	45	40	2.5	0.6	175	304	1500	2000	110TDO170-1		1	122	157.2	0.6	2	0.35	1.95	2.9	1.91	3.58
	170	70	55	2.5	0.6	300	500	1500	2000	110TNA170-1		2	127	165	0.6	2	0.41	1.7	2.5	1.6	5
	180	56	50	2.5	0.6	264	400	1500	2000	110TDO180-1		1	125	172	0.6	2	0.39	1.7	2.6	1.7	5.11
	180	70	56	2.5	0.6	340	555	1500	2000	110TDO180-2		1	125	172	0.6	2	0.39	1.7	2.6	1.7	6.33

Double-row Taper Roller Bearing with Double Inner Ring

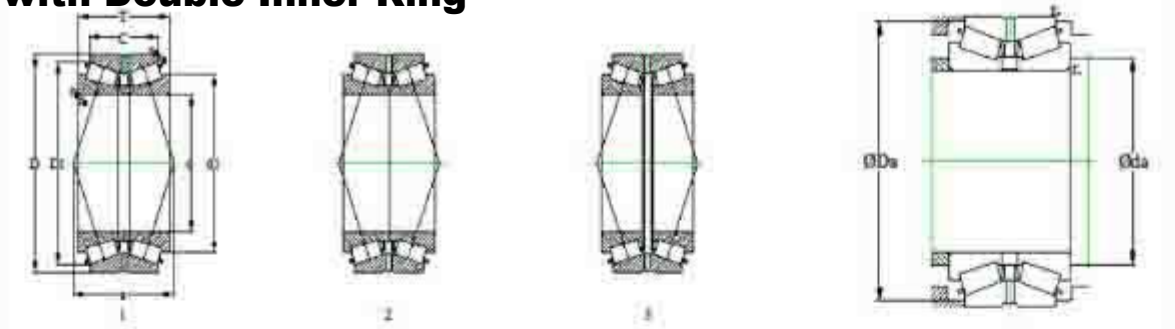
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基本尺寸(mm) Boundary Dimensions						基本额定载荷(kN) Basic Load Ratings		极限转速(rpm) Speed Ratings 脂润滑 油润滑 Grease Oil		轴承代号 Bearing Numbers 新型号 旧型号 New Old		结构 Design	相关安装尺寸 Abutment and Fillet Dimensions da min Da max fb max fa max				计算系数 Calculation Factors e Y1 Y2 Y0				质量(kg) Mass (参考) Refer.
d	D	T	C	r1.2min	r3.4min	Cr	Cor						da min	Da max	fb max	fa max	e	Y1	Y2	Y0	
110	180	94	72	2	0.6	401	761	1500	2000	110TDO180-3		1	120	170.2	0.6	2	0.52	1.31	1.95	1.28	8.82
	180	95	76	2	0.6	450	920	1500	2000	352122	2097722	1	120	170	0.6	2	0.52	1.31	1.95	1.28	9.1
	180	125	100	2.5	0.6	515	980	1500	2000	110TDO180-4		1	122	168	0.6	2	0.26	2.6	3.8	2.5	11.2
	200	124	102	3	0.6	620	1200	1500	2000		97522EK	1	128	191	0.6	2.5	0.42	1.61	2.39	1.57	16.5
	200	90	72	3	1	532	760	1400	1900	110TDO200-1		1	128	191	1	2.5	0.43	1.6	2.3	1.6	11
	200	92	74	3	1	555	865	1400	1900	110TDO200-2		1	128	193	1	2.5	0.42	1.6	2.4	1.6	10.7
	200	120	100	3	1	640	1020	1400	1900	110TDO200-3		1	135	194	1	2.5	0.42	1.6	2.4	1.6	14.6
	200	121	101	3	1	640	1020	1400	1900	110TDO200-4		1	128	194	1	2.5	0.42	1.6	2.4	1.6	14.4
	200	125	105	3	1	610	965	1400	1900	110TDO200-5		1	134	194	1	2.5	0.42	1.6	2.4	1.6	14.8
	220	145	115	4	1	820	1350	1400	1900	110TDO2201		1	142	211	1	3	0.37	1.8	2.7	1.8	23.6
	240	118	81	4	1	580	815	1400	1900	110TDO240-1		1	148	227	1	3	0.81	0.83	1.2	81	21.8
	240	118	93	4	1	700	955	1400	1900	110TDO240-2		1	143	227	1	3	0.35	1.9	2.9	1.9	22.5
	240	119	74	3	1	585	790	1400	1900	110TDO240-3		1	124	223.5	1	2.5	0.81	0.8	1.2	0.8	25
	240	181	142	3	1	1190	1890	1300	1800	110TDO240-4		1	128	222	1	3	0.35	1.96	2.91	1.91	37.3
115	190	106	80	4	1.5	510	925	1400	1900	115TNA190-1		2	137	182	1.5	3	0.42	1.6	2.4	1.6	10.7
	210	143	118	4	1.5	975	1620	1400	1900	115TNA210-1		2	141	204	1.5	3	0.33	2.1	3.1	2	20
	230	116	84	3	1.5	645	1060	1400	1900	115TDO230-1		1	151	220	1.5	2.5	0.74	0.92	1.4	0.9	20.7
	330	228	124	6	1.5	1490	2150	1400	1900	115TDO330-1		1	180	309	1.5	5	1.3	0.51	0.76	0.5	92.6
120	165	68	56	1.5	0.6	236	495	1400	1900	120TDO165-1		1	134	161	0.5	1	0.4	1.7	2.5	1.6	3.9
	180	46	41	2.5	0.6	184	296	1500	2000	120TDO180-1		1	135	172	0.6	2	0.4	1.7	2.5	1.6	3.75
	180	58	46	2.5	0.6	260	450	1500	2000	120TDO180-2		1	135	172	0.6	2	0.39	1.7	2.6	1.7	4.64
	180	86	68	2.5	0.8	397	788	1500	2000	120TDO180-3		1	135	172	0.6	2	0.46	1.5	2.2	1.4	7.1
120	200	62	55	2.5	0.6	310	500	1400	1800	120TDO200-1		1	135	190	0.6	2	0.39	1.7	2.6	1.7	7.35
	200	78	62	2.5	0.6	415	690	1400	1900	120TDO200-2		1	135	190	0.6	2	0.39	1.7	2.6	1.7	8.97
	200	100	84	2.5	0.6	515	885	1400	1900	120TDO200-3		1	142	194	0.6	2	0.37	1.8	2.7	1.8	11.3
	200	109	90	2.5	0.6	536	1020	1400	1900	120TDO200-4		1	132	182.5	0.6	2	0.43	1.58	2.35	1.55	12.8
	200	110	90	2	0.6	536	1020	1100	1500	352124	2097724	1	132	182.5	0.6	2	0.3	2.25	3.43	2.2	12.6
	215	94	75	3	1	540	800	1300	1800	120TDO215-1		1	145	208	1	2.5	0.42	1.6	2.4	1.6	12.6

Double-row Taper Roller Bearing with Double Inner Ring

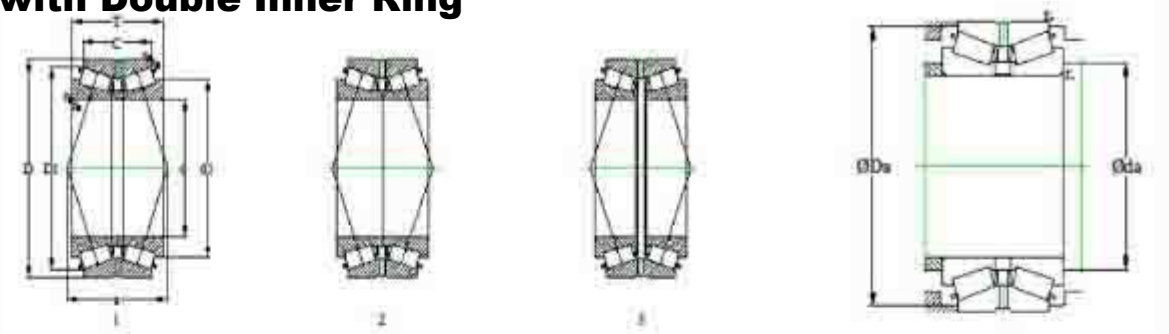
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基 本 尺 寸(mm) Boundary Dimensions						基本额定载荷(kN) Basic Load Ratings		极限转速(rpm) Speed Ratings 脂润滑 油润滑		轴 承 代 号 Bearing Numbers 新型号 旧型号		结构 Design	相关安装尺寸 Abutment and Fillet Dimensions				计算系数 Calculation Factors				质量(kg) Mass (参考) Refer.	
d	D	T	C	r1.2min	r3.4min	Cr	Cor	Grease	Oil	New	Old		da min	Da max	fb max	fa max	e	Y1	Y2	Y0		
120	215	97	78	3	1	540	800	1300	1800	120TDO215-1		1	138	207	1	2.5	0.42	1.6	2.4	1.6	12.8	
	215	132	109	3	1	720	1170	1300	1800		97524K	1	138	208	1	2.5	0.42	1.6	2.4	1.6	18.3	
	215	132	106	3	1	720	1170	1300	1800		97524	1	138	208	1	2.5	0.41	1.64	2.44	1.6	19.6	
	260	86	60	4	1	775	1100	1200	1700	120TNA260-1		2	156	246	1	2.5	0.44	1.5	2.3	1.5	27	
	260	128	101	3	1	976	1430	1200	1700	120TDO260-1		1	138	239	1	3	0.35	1.96	2.91	1.91	30.6	
	260	130	87	4	1	730	1060	1200	1700	120TDO260-2		1	159	249	1	3	0.81	0.83	1.2	0.81	28.5	
	260	140	112	4	1	815	1130	1200	1700	120TDO260-3		1	155	246	1	3	0.35	1.9	2.9	1.9	30.4	
	260	188	145	4	1	1400	2270	1200	1700	120TDO260-2		1	138	239	1	3	0.35	1.96	2.91	1.91	47	
	280	185	155	5	1.5	1180	1770	1100	1600	120TDO280-1		1	162	266	1.5	3	0.39	1.7	2.6	1.7	51.6	
	280	185	155	5	1.5	1180	1770	1100	1600	120TDO280-1		1	162	266	1.5	3	0.39	1.7	2.6	1.7	51.6	
125	180	85	75	3	0.6	390	885	1100	1600	125TNA180-1		2	143	176	0.5	2	0.31	2.2	3.3	2.2	7	
	210	110	88	4	1	560	1030	1100	1600	125TDO210-1		1	151	202	1	3	0.43	1.6	2.3	1.5	14.5	
	230	116	84	4	1.5	645	1060	1100	1600	125TDO230-1		1	157	220	1.5	3	0.74	0.92	1.4	0.9	19	
	235	142	114	4	1.5	875	1580	1100	1600	125TNA230-1		2	159	226	1	2.5	0.37	1.8	2.7	1.8	25.6	
	235	145	115	4	1.5	875	1580	1100	1600	125TNA230-2		2	159	226	1	2.5	0.37	1.8	2.7	1.8	25.9	
128	229	116	74	4	1	560	1010	1100	1600	128TDO229-1		1	162	218	1	2.5	1.1	0.64	0.96	0.63	18.6	
130	180	69	55	2	0.6	322	663	1200	1700	130TDO180-1		1	140	174.9	0.6	2	0.33	2.03	3.02	1.98	4.77	
	180	70	56	2	0.6	322	663	1400	1900		2097926	1	140	174.9	0.6	2	0.27	2.49	3.71	2.43	4.87	
	200	52	46	2.5	0.6	266	445	1300	1800	130TDO200-1		1	145	190	0.6	2	0.39	1.7	2.6	1.7	5.46	
	200	65	52	2.5	0.6	320	540	1300	1800	130TDO200-1		1	145	192	0.6	2	0.39	1.7	2.6	1.7	6.45	
	200	95	75	2.5	0.7	450	880	1300	1800		2097126	1	145	192	0.6	2	0.35	1.94	2.88	1.89	9.72	
	210	64	57	2.5	0.6	340	530	1300	1700	130TDO210-1		1	145	202	0.6	2	0.37	1.8	2.7	1.8	7.78	
	210	80	64	2.5	0.6	455	765	1300	1700	130TDO210-2		1	145	201	0.6	2	0.39	1.7	2.6	1.7	9.6	
	210	109	90	2.5	0.6	550	980	1300	1700	130TDO210-3		1	152	204	0.6	2	0.39	1.7	2.6	1.7	13	
	210	110	90	2.5	0.6	550	980	1300	1700	352126		2097726	1	152	204	0.6	2	0.39	1.7	2.6	1.7	13
	214	115	98	3	1	625	1140	1300	1700	130TDO214-1		1	154	207	1	2.5	0.35	1.9	2.9	1.9	15	
	214	115.6	98	3	1	625	1140	1300	1700		97826U	1	154	207	1	2.5	0.35	1.9	2.9	1.9	15	
	230	95	75	3	1	560	840	1200	1600	130TDO230-1		1	144	215.5	1	2.5	0.43	1.6	2.3	1.5	15	
	230	98	78.5	4	1	570	870	1200	1600	130TDO230-2		1	151	221	1	3	0.39	1.7	2.6	1.7	15	

Double-row Taper Roller Bearing with Double Inner Ring

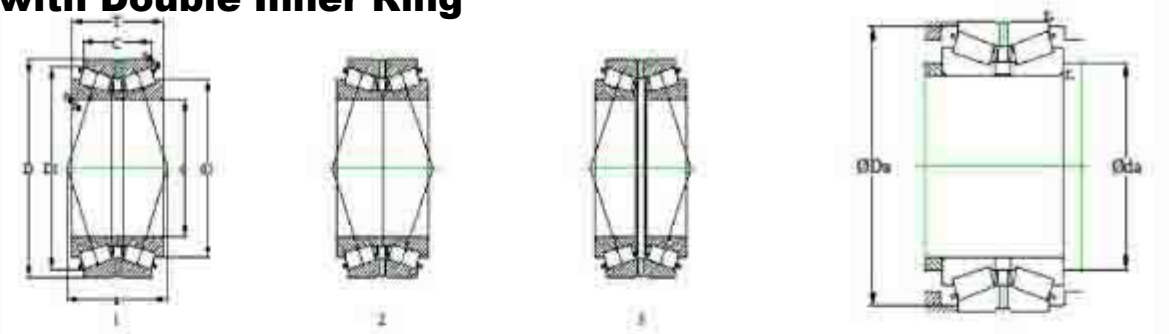
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基本尺寸(mm) Boundary Dimensions						基本额定载荷(kN) Basic Load Ratings		极限转速(rpm) Speed Ratings 脂润滑 油润滑 Grease Oil		轴承代号 Bearing Numbers 新型号 旧型号 New Old		结构 Design	相关安装尺寸 Abutment and Fillet Dimensions da min Da max Tb max Ta max				计算系数 Calculation Factors e Y1 Y2 Y0				质量(kg) Mass (参考) Refer.
d	D	T	C	r1.2min	r3.4min	Cr	Cor						da min	Da max	Tb max	Ta max	e	Y1	Y2	Y0	
130	230	100	80.5	4	1	570	870	1200	1600	130TDO230-3		1	158	222	1	3	0.39	1.7	2.6	1.7	15
	230	142	114.5	4	1	850	1480	1200	1600	130TDO230-4		1	158	222	1	3	0.39	1.7	2.6	1.7	22.7
	230	145	115	4	1	850	1480	1200	1600	130TDO230-5		1	158	222	1	3	0.39	1.7	2.6	1.7	23.4
	230	145	117.5	4	1	850	1480	1200	1600	130TDO230-6		1	151	221	1	3	0.39	1.7	2.6	1.7	23
	230	146	118.5	4	1.5	904	1615	1200	1600	130TDO230-7	97526EK	1	151	221	1	3	0.43	1.6	2.3	1.6	23.5
	230	149	120	3	1	905	1630	1300	1700			1	144	220	1	2.5	0.44	1.6	2.3	1.5	23.6
	230	150	120	4	1	850	1480	1300	1700	130TDO230-8		1	158	222	1	3	0.39	1.7	2.6	1.7	23.6
	235	145	115	4	1	850	1480	1300	1700		37726	2	158	224	1	3	0.39	1.7	2.6	1.7	24.5
	280	137	107.5	5	1.5	940	1350	1200	1600	130TDO280-1		1	169	265	1.5	4	0.36	1.9	2.8	1.8	35
	280	137	87.5	5	1.5	845	1210	1200	1600	130TDO280-2		1	172	262	1.5	4	0.83	0.81	1.2	0.79	34.7
	280	205	163.5	4	1.5	1530	2470	1200	1600	130TDO280-3		1	148	264	1.5	3	0.35	1.9	2.9	1.9	55.5
	299	137	87.5	5	1.5	845	1210	1200	1600	130TDO299-1		1	172	278	1.5	4	0.83	0.81	1.2	0.79	40.6
133	216	106	81	3.5	1.5	495	985	1200	1600	133TDO216-1		1	160	208	1.5	3.5	0.49	1.4	2.1	1.4	14
135	200	100	85	3	1	495	1010	1200	1600	135TDO200-1		1	153	193	1	2	0.34	2	2.9	1.9	9.8
	210	66	53	2.5	1	305	530	1200	1600	135TDO210-1		1	157	203	1	2	0.4	1.7	2.5	1.6	7.5
	225	85	68	3	1	490	850	1200	1600	135TDO225-1		1	161	217	1	2.5	0.39	1.7	2.6	1.7	12.4
140	190	74	60	1	0.6	296	600	1200	1600	140TDO190-1		1	153	185	0.5	1	0.38	1.8	2.7	1.7	5.3
	200	93.665	73.025	5	1	445	988	1200	1600	140TDO200-1		1	163	195	1	5	0.33	2	3	2	9.3
	200	94.02	73.08	6	1	390	915	1200	1600	140TDO200-2		1	163	195	1	5	0.34	2	3	2	8.8
	210	53	47	2.5	0.6	282	495	1200	1700	140TDO210-1		1	155	202	0.6	2	0.39	1.7	2.6	1.7	6.02
	210	66	53	2.5	1	305	530	1200	1700	140TDO210-2		1	155	202	1	2	0.4	1.7	2.5	1.6	7.02
	210	69	69	2.5	0.6	380	675	1200	1700	140TDO210-3		1	157	202	0.6	2	0.2	3.4	5.1	3.3	8.1
	210	95	75	2.5	0.6	630	970	1200	1700		2097128	1	158	202	0.6	2.5	0.35	1.94	2.88	1.89	8.36
	210	106	94	2.5	0.6	555	1200	1200	1700	140TDO210-4		1	160	203	0.6	2	0.33	2	3	2	
	210	110	88	1	0.6	555	1200	1200	1700	140TDO210-5		1	159	203	0.6	1	0.33	2	3	2	12.4
	225	68	61	3	1	400	630	1200	1600	140TDO225-1		1	158	216	1	2.5	0.39	1.7	2.6	1.7	9.31
	225	84	68	3	1	490	850	1200	1600	140TDO225-2		1	158	215	1	2.5	0.39	1.7	2.6	1.7	11.6
	225	85	68	3	1	490	850	1200	1600	140TDO225-3		1	163	217	1	2.5	0.39	1.7	2.6	1.7	11.7

Double-row Taper Roller Bearing with Double Inner Ring

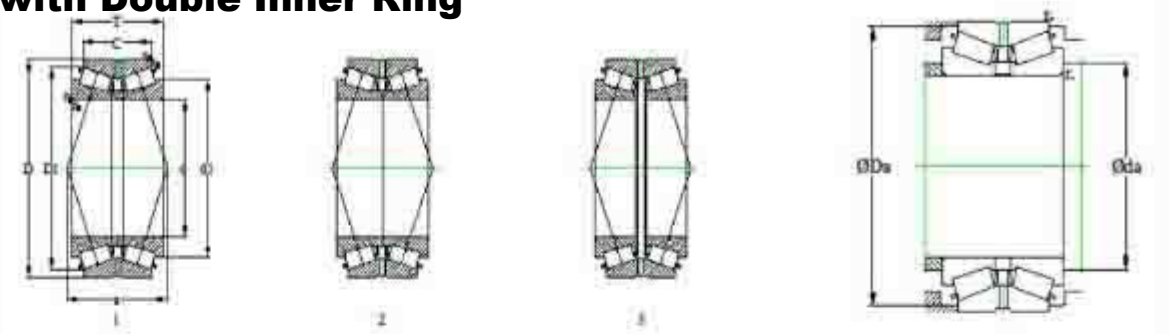
WSW



基 本 尺 寸(mm) Boundary Dimensions						基本额定载荷(kN) Basic Load Ratings		极限转速(rpm) Speed Ratings 脂润滑 油润滑		轴 承 代 号 Bearing Numbers 新型号 旧型号		结构 Design	相关安装尺寸 Abutment and Fillet Dimensions				计算系数 Calculation Factors				质量(kg) Mass (参考)
d	D	T	C	r1.2min	r3.4min	Cr	Cor	Grease	Oil	New	Old		da min	Da max	Tb max	Ta max	e	Y1	Y2	Y0	Refer.
140	225	115	90	3	1	580	1180	1200	1700		2097728	1	165	220	1	2.5	0.34	2	2.98	1.96	15.5
	230	120	94	3	1	685	1270	1200	1700	140TDO230-1		1	166	222	1	2.5	0.33	2	3	2	17.6
	230	124	105	3	1	650	1240	1200	1700	140TDO230-2		1	164	221	1	2.5	0.42	1.6	2.4	1.6	18.6
	230	140	110	3	1	820	1550	1100	1500	140TDO230-3		1	165	222	1	2.5	0.35	1.9	2.9	1.9	20.7
	240	132	106	4	1.5	685	1360	1100	1500	140TDO240-1		1	170	230	1.5	3	0.44	1.5	2.3	1.5	22.7
	250	100	80.5	4	1	630	970	1100	1500	140TDO250-1		1	169	240	1	3	0.39	1.7	2.6	1.7	18.1
	250	102	82.5	4	1	630	970	1100	1500	140TDO250-2		1	161	237	1	3	0.39	1.7	2.6	1.7	18.3
	250	153	125.5	4	1	940	1670	1100	1500	140TDO250-3		1	161	241	1	3	0.4	1.7	2.5	1.6	29
	250	153	110	4	1	910	1700	1200	1600	140TDO250-4		1	174	242	1	3	0.55	1.2	1.8	1.2	29.8
	250	157	128	4	1	1050	2100	1200	1600		97528EK	1	174	242	1	3	0.44	1.55	2.31	1.52	31.7
	260	120	84	3	1.5	735	1210	1200	1600	140TDO260-1		1	154	245	1.5	2.5	0.74	0.9	1.4	0.9	26.6
	260	155	120	1.5	4	1050	1900	1200	1600	140TDO260-2		1	158	243.2	1.5	3	0.4	1.68	2.5	1.64	34.4
	270	120	95	4	3	870	1440	1200	1600	140TDO270-1		1	174	253	2.5	2.5	0.33	2	3	2	29.3
	300	102	77	2.5	1	645	1010	1200	1600	140TDO300-1		1	152	264	1	2	0.55	1.2	1.8	1.2	31.6
	300	145	115.5	5	1.5	1030	1480	1200	1600	140TDO300-2		1	180	284	1.5	4	0.36	1.9	2.8	1.8	42.6
	300	223	177.5	4	1.5	1690	2740	1200	1500	140TDO300-3		1	158	282	1.5	3	0.35	1.9	2.9	1.9	69
145	225	70	56	3	1	395	685	1200	1500	145TDO225-1		1	168	217	1	2	0.35	1.9	2.9	1.9	9.4
	240	135	110	4	1	775	1440	1200	1500	145TNA240-1		2	171	229	1	2.5	0.32	2.1	3.2	2.1	22.1
150	210	80	62	3	1	350	795	1200	1500		2057930	3	168	198	1	2.5	0.27	2.48	2.69	2.42	9.12
	210	80	62	3	1	350	795	1200	1500		2097930	1	168	198	1	2.5	0.27	2.48	2.69	2.42	9.12
	225	56	50	3	1	300	545	1200	1600	150TDO225-1		1	168	213	1	2.5	0.35	1.9	2.9	1.9	7.41
	225	70	56	3	1	395	685	1200	1600	150TDO225-2		1	168	215	1	2.5	0.35	1.9	2.9	1.9	8.7
	225	107	78	5	1	648	1254	1200	1600	150TDO225-3		1	168	215	1	2.5	0.46	1.5	2.2	1.4	14.5
	225	112	88	3	1	1000	1690	1200	1500		97830	1	168	215	1	2.5	0.39	1.73	2.58	1.69	14.1
	245	108	80	4	1	570	1020	1200	1500	150TDO245-1		1	177	235	1	3	0.35	1.9	2.9	1.9	17.1
	250	80	71	3	1	510	810	1100	1400	150TDO250-1		1	168	240	1	2.5	0.4	1.7	2.5	1.6	14.2
	250	100	80	3	1	630	1090	1100	1400	150TDO250-2		1	168	238	1	2.5	0.39	1.7	2.6	1.7	17.8
	250	115	95	3	1	745	1320	1100	1400	150TDO250-3		1	177	241	1	2.5	0.37	1.8	2.7	1.8	20.9

Double-row Taper Roller Bearing with Double Inner Ring

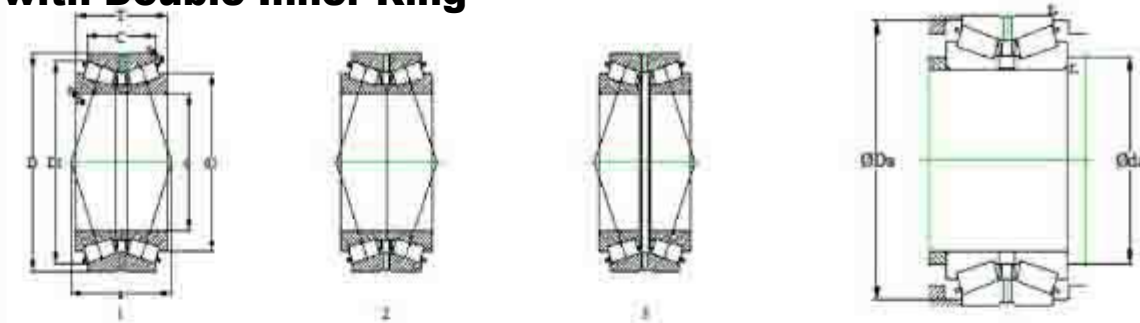
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基本尺寸(mm) Boundary Dimensions						基本额定载荷(kN) Basic Load Ratings		极限转速(rpm) Speed Ratings 脂润滑 油润滑		轴承代号 Bearing Numbers 新型号 旧型号		结构 Design	相关安装尺寸 Abutment and Fillet Dimensions				计算系数 Calculation Factors				质量(kg) Mass (参考) Refer.
d	D	T	C	r1.2min	r3.4min	Cr	Cor	Grease	Oil	New	Old		da min	Da max	fb max	fa max	e	Y1	Y2	Y0	
150	250	137	112	3	1	816	1510	1100	1400	150TDO250-4		1	164	238	1	2.5	0.41	1.66	2.47	1.62	24.3
	250	138	112	4	0.6	865	1630	1100	1500	352130	2097730	1	181	244	0.6	3	0.25	2.74	4.08	2.68	25.8
	250	140	115	4	0.6	865	1630	1100	1500	150TDO250-5		1	181	244	0.6	3	0.41	1.6	2.4	1.6	25.4
	250	142	112	4	1.5	885	1630	1100	1500	150TDO250-6		1	181	243	1.5	3	0.41	1.7	2.5	1.6	25
	250	145	115	4	1.5	850	1580	1100	1500	150TNA250-1		2	181	243	1.5	3	0.41	1.7	2.5	1.6	26.5
	255	144	110	5	1	909	1700	1100	1500	150TDO255-1		1	172	232.4	1	4	0.24	2.84	4.23	2.78	27.2
	260	150	115	4	1	815	1520	1100	1500	150TDO260-1		1	181	248	1	3	0.43	1.6	2.3	1.5	30
	270	108	76	4	1	740	1140	1000	1400	150TDO270-1		1	180	258	1	3	0.43	1.6	2.3	1.5	22.7
	270	109	87	4	1	740	1140	1000	1400		97730	1	171	254	1	3	0.44	1.55	2.31	1.52	24.5
	270	162	128	4	1	1020	1800	1000	1400	150TDO270-2		1	184	260	1	3	0.4	1.7	2.5	1.6	35.6
	270	164	130	4	1	1020	1800	1000	1400	150TDO270-3		1	171	257	1	3	0.4	1.7	2.5	1.6	36.1
	270	169	138	4	1	1200	2400	1100	1500		97530EK	1	171	257	1	3	0.44	1.55	2.31	1.52	39.4
	280	160	104	4	1	1010	1710	1100	1500	150TDO280-1		1	189	265	1	3	0.81	0.84	1.2	0.82	38.5
	320	154	120	5	1.5	1180	1720	1100	1500	150TDO320-1		1	193	304	1.5	4	0.36	1.9	2.8	1.8	51.9
	330	180	120	5	1.5	1350	2210	1100	1500	150TDO330-1		1	177	313	1.5	4	0.81	0.8	1.2	0.8	70.5
152.4	257	142.88	111.13	3.5	1.5	885	1660	1100	1500	152TNA257-1A		2	182	246	1.5	3.5	0.41	1.7	2.5	1.6	26.9
155	200	66	54	1.5	0.6	242	589	1100	1500	155TDO200-1		1	208	195	0.6	1.5	0.35	1.9	2.9	1.8	4.85
	330	180	120	6	1.5	1300	2120	1100	1500	155TDO330-1		1	208	310	1.5	5	0.81	0.84	1.2	0.82	68.5
159	230	80	56	2.5	0.6	400	755	1100	1500	159TDO230-1		1	180	224	0.6	2	0.52	1.3	1.9	1.3	9.4
	290	155	117	4	1	1060	1900	1100	1500	159TDO290-1		1	198	280	1	3	0.55	1.2	1.8	1.2	40.3
160	220	82	65	2.5	0.6	430	910	1100	1500		2097932	1	178	215	0.6	2	0.27	2.51	3.74	2.45	8.15
	220	90	71	2.5	0.6	430	910	1100	1500	160TDO220-1		1	178	215	0.6	2	0.35	1.9	2.9	1.9	9.1
	240	60	53	3	1	355	580	1100	1500	160TDO240-1		1	178	231	1	2.5	0.37	1.8	2.7	1.8	8.56
	240	75	60	3	1	395	710	1100	1500	160TDO240-2		1	178	230	1	2.5	0.4	1.7	2.5	1.6	10.5
	240	110	90	3	1	650	1290	1100	1500	160TDO240-3		1	183	233	1	2.5	0.38	1.8	2.6	1.7	16.2
	240	114	84	5	1	752	1482	1100	1500	160TDO240-4		1	183	229	1	2.5	0.46	1.5	2.2	1.4	16.5
	240	115	90	3	0.9	750	1480	1100	1500		2097132	1	183	229	0.6	2.5	0.35	1.94	2.88	1.89	16.5
	262	140	120	3	1	865	1780	1000	1250	160TDO262-1		1	191	255	1	2.5	0.44	1.5	2.3	1.5	28.3

Double-row Taper Roller Bearing with Double Inner Ring

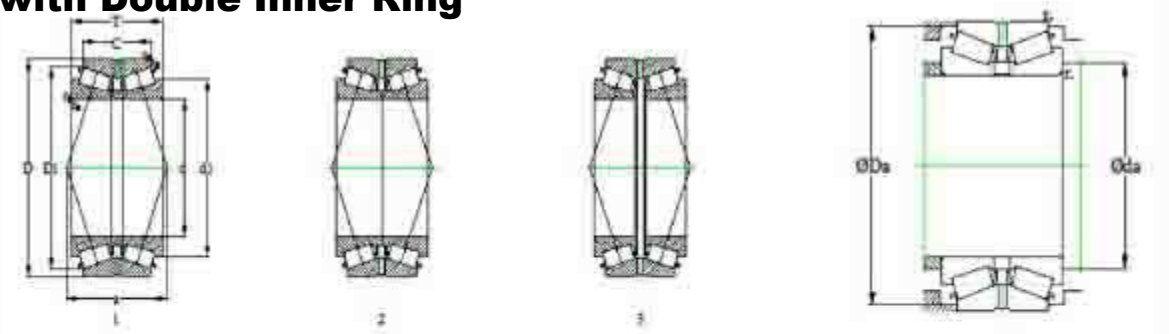
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基本尺寸(mm) Boundary Dimensions						基本额定载荷(kN) Basic Load Ratings		极限转速(rpm) Speed Ratings 脂润滑 油润滑		轴承代号 Bearing Numbers 新型号 旧型号		结构 Design	相关安装尺寸 Abutment and Fillet Dimensions				计算系数 Calculation Factors				质量(kg) Mass (参考) Refer.
d	D	T	C	r1.2min	r3.4min	Cr	Cor	Grease	Oil	New	Old		da min	Da max	fb max	fa max	e	Y1	Y2	Y0	
160	270	86	76	3	1	540	885	1000	1300	160TDO270-1		1	178	255	1	2.5	0.4	1.7	2.5	1.6	18.6
	270	108	86	3	1	775	1380	1000	1300	160TDO270-2		1	178	256	1	2.5	0.39	1.7	2.6	1.7	23.1
	270	110	86	2.5	1	785	1360	1000	1300	160TDO270-3		1	172	250.5	1	2	0.31	2.2	3.3	2.2	22.9
	270	140	110	3	1	1600	2620	1000	1400		37732	2	191	261	1	2.5	0.36	1.86	2.76	1.81	26.7
	270	140	120	3	1	990	1880	1000	1400	352132X2/HA		1	191	262	1	2.5	0.32	2.12	3.15	2.07	31.8
	270	149	120	3	1	990	1880	1000	1400	160TDO270-4		1	191	261	1	2.5	0.39	1.7	2.6	1.7	31.7
	270	150	120	4	1	990	1880	1000	1400	352132	2097732	1	191	259	1	3.5	0.36	1.86	2.76	1.81	28.3
	280	140	120	3	1	990	1880	1000	1400	160TDO280-1		1	191	267	1	2.5	0.39	1.7	2.6	1.7	34.7
	280	150	125	4	1	1100	2020	1000	1400	160TDO280-2		1	194	270	1	3	0.32	2.1	3.2	2.1	35.9
	290	115	91	4	1	800	1220	950	1300	160TDO290-1		1	181	275	1	3	0.43	1.6	2.3	1.5	28.2
	290	178	144	4	1	1240	2240	950	1300	160TDO290-2	97532	1	181	278	1	3	0.4	1.7	2.5	1.6	46.2
	290	180	140	4	1	1240	2240	950	1300			1	181	278	1	3	0.4	1.7	2.53	1.66	46.2
165	340	160	126	5	1.5	1310	1920	950	1300	160TDO340-1		1	205	323	1.5	4	0.36	1.9	2.8	1.8	60.4
	225	95	70	4	0.6	410	1080	950	1300	165TNA225-1		2	186	219	0.6	3	0.38	1.8	2.6	1.7	10.7
	290	143	111	4	1.5	930	1880	920	1200	165TNA290-1		2	203	278	1	2.5	0.47	1.4	2.1	1.4	38.3
	290	150	125	4	1	1140	2130	920	1200		97833U	1	199	278	1	3	0.31	2.2	3.27	2.15	41.1
	350	146	108	7.5	1.5	1220	1980	1000	1400	165TDO350-1		1	201	308.5	1.5	6	0.34	2	3	2	61.2
170	230	82	65	3	1	420	900	1000	1400		2097934	1	193	220	1	2	0.28	2.39	3.56	2.34	8.11
	250	85	65	3	1	435	845	1000	1400	170TDO250-1		1	193	242	1	2	0.44	1.5	2.3	1.5	12.3
	260	67	60	3	1	400	700	1000	1300	170TDO260-1		1	188	248	1	2.5	0.4	1.7	2.5	1.6	11.8
	260	84	67	3	1	575	1030	1000	1300	170TDO260-2		1	188	249	1	2.5	0.39	1.7	2.6	1.7	14.4
	260	90	65	3	1	575	1030	1000	1300	170TDA260-1		2	194	251	0.8	2	0.39	1.7	2.6	1.7	15.1
	260	120	95	3	1	685	1550	1000	1400		2097134	1	188	266	1	2.5	0.31	2.18	3.24	2.13	20.4
	260	120	95	3	1	685	1550	1000	1400		2057134	1	188	266	1	2.5	0.31	2.18	3.24	2.13	20
	280	88	78	3	1	630	1040	950	1300	170TD280-1		1	188	266	1	2.5	0.39	1.7	2.6	1.7	19.7
	280	110	88	3	1	820	1450	950	1300	170TD280-2		1	188	268	1	2.5	0.39	1.7	2.6	0.7	24.2
	280	110	90	3	1	820	1450	950	1300	170TD280-2		1	200	271	1	2.5	0.39	1.7	2.6		24.3
	280	123	100	3	1	810	1660	950	1300	170TD280-3		1	195	262	1	2	0.38	1.8	2.6	1.7	28.5
	280	134	106	3	1	855	1790	950	1300	170TD280-4		1	184	250.5	1	2.5	0.44	1.5	2.3	1.5	29.2

Double-row Taper Roller Bearing with Double Inner Ring

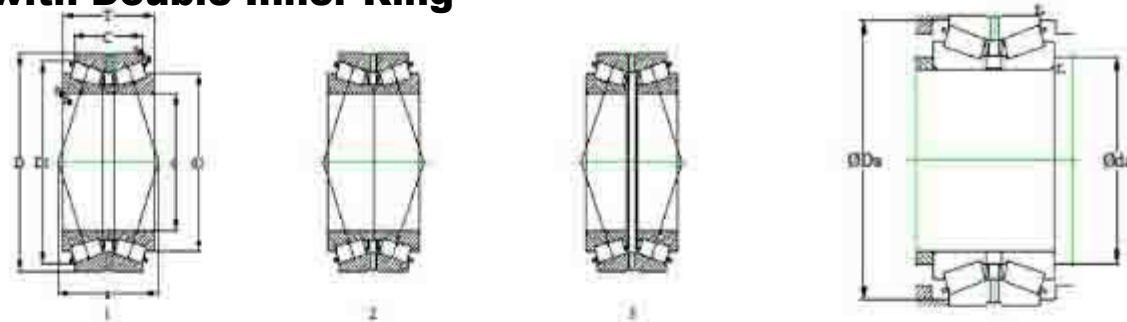
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基本尺寸(mm) Boundary Dimensions						基本额定载荷(kN) Basic Load Ratings		极限转速(rpm) Speed Ratings 脂润滑 油润滑		轴承代号 Bearing Numbers 新型号 旧型号		结构 Design	相关安装尺寸 Abutment and Fillet Dimensions				计算系数 Calculation Factors				质量(kg) Mass (参考) Refer.
d	D	T	C	r1.2min	r3.4min	Cr	Cor	Grease	Oil	New	Old		da min	Da max	fb max	fa max	e	Y1	Y2	Y0	
170	280	150	130	3	1	1110	2160	1000	1300	170TD280-5		1	200	271	1	2.5	0.39	1.7	2.6	1.7	34.6
	280	150	120	3	1	1110	2160	1000	1300		2097734	1	200	271	1	2.5	0.38	1.78	2.65	1.74	35.6
	310	122	94	5	1.5	900	1380	900	1200	170TDO310-1		1	207	297	1.5	4	0.43	1.6	2.3	1.5	34.1
	310	125	97	5	1.5	900	1380	900	1200	170TDO310-2		1	197	291	1.5	4	0.43	1.6	2.3	1.5	34.9
	310	192	152	5	1.5	1430	2640	900	1200	170TDO310-3		1	197	296	1.5	4	0.4	1.7	2.5	1.6	57.3
	310	195	150	5	1.5	1540	2890	900	1200	170TNA310-1		2	209	297	1	3	0.33	2	3	2	59.6
178 180	320	180	140	5	1.5	1410	2510	900	1200	170TDO320-1		1	215	309	1.5	4	0.43	1.6	2.3	1.5	59.8
	289	143	111	5.5	1.6	1050	1870	1000	1300	178TNA289-1		2	209	278	1.6	5.5	0.32	2.1	3.2	2.1	31.7
	250	94	76	2.5	0.6	607	1310	1000	1300	180TDO250-1		1	192	238.9	0.6	2	0.37	1.8	2.69	1.76	13
	250	95	74	2.5	0.6	607	1310	1000	1300		2097936	1	192	238.9	0.6	2	0.37	1.84	2.74	1.8	13
	270	109.54	84.138	5	1	648	1520	900	1300	180TDO270-1		1	198	265	0.6	2	0.48	1.4	2.1	1.4	22.5
	280	74	66	3	1	455	810	900	1300	180TDO280-1		1	198	255	1	2.5	0.4	1.7	2.5	1.6	15.4
	280	93	74	3	1	655	1220	900	1200	180TDO280-2		1	198	265	1	2.5	0.35	1.9	2.9	1.9	19.5
	280	134.5	108	2.5	1	885	1800	900	1200	180TDO280-3		1	192	266	1	2	0.37	1.8	2.7	1.8	27
	280	134	108	2.5	1	885	1800	1000	1300		2097136	1	192	266	1	2	0.28	2.43	3.61	2.37	28.5
	285	108	79.4	2.5	2.3	720	1200	940	1300		37736	2	212	265	1.5	5.5	0.35	1.95	2.9	1.91	23.2
	290	143	111	5.5	1.5	930	1880	940	1300	180TNA290-1		2	212	278	1.5	5.5	0.47	1.4	2.1	1.4	33.6
	290	150	120	3	1	1140	2260	940	1300	180TDO290-1		1	210	280	1	2.5	0.4	1.7	2.5	1.6	35.7
	300	96	85	4	1.5	725	1210	900	1200	180TDO300-1		1	201	284	1.5	3	0.39	1.7	2.6	1.7	24.8
	300	120	96	4	1.5	940	1690	850	1200	180TDO300-2		1	201	287	1.5	3	0.39	1.7	2.6	1.7	31.1
	300	163	134	4	1	1210	2240	850	1200	180TDO300-3		1	198	281.7	1	3	0.33	2.03	3.02	1.98	42.2
	300	164	134	4	1	1210	2240	940	1300		2097736	1	198	281.7	1	3	0.26	2.46	3.93	2.58	39.9
	320	127	99	5	1.5	895	1390	850	1200	180TDO320-1		1	207	300	1.5	4	0.44	1.5	2.3	1.5	36.5
	320	190	145	5	1.5	1500	2760	850	1100		97536	1	207	308	1.5	4	0.36	1.85	2.76	1.81	52.4
	320	192	152	5	1.5	1500	2760	850	1100		97536K	1	207	308	1.5	4	0.36	1.85	2.76	1.81	60
	340	108	140	5	1.5	1410	2510	850	1100	180TDO340-1		1	220	319	1.5	4	0.43	1.6	2.3	1.5	68.1
	340	170	140	5	1.5	1540	2530	850	1100	180TDO340-2		1	202	313.8	1.5	4	0.32	2.12	3.15	2.07	63.2
	340	180	140	4	1.5	1390	2590	840	1100		97736	1	198	302	1.5	3	0.35	1.96	2.91	1.91	71.9

Double-row Taper Roller Bearing with Double Inner Ring

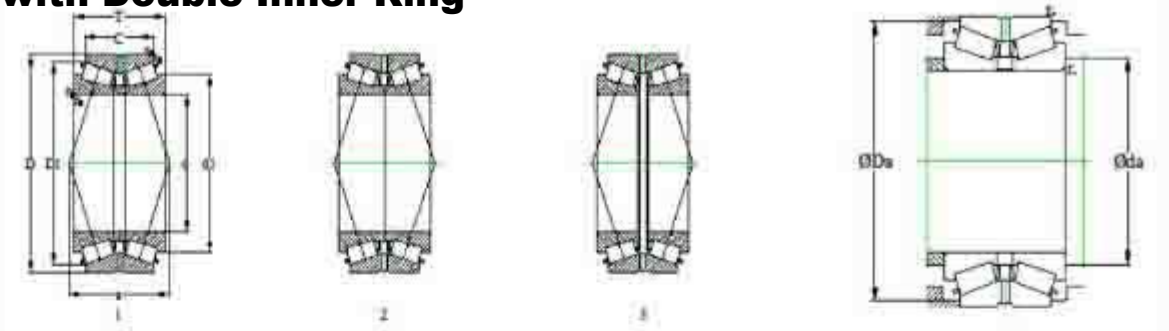
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基本尺寸(mm) Boundary Dimensions						基本额定载荷(kN) Basic Load Ratings		极限转速(rpm) Speed Ratings 脂润滑 油润滑		轴承代号 Bearing Numbers		结构 Design	相关安装尺寸 Abutment and Fillet Dimensions				计算系数 Calculation Factors				质量(kg) Mass (参考) Refer.
d	D	T	C	r1.2min	r3.4min	Cr	Cor	Grease	Oil	新型号 New	旧型号 Old		da min	Da max	fb max	fa max	e	Y1	Y2	Y0	
190	260	94	76	2.5	0.6	580	1290	940	1300	190TDO260-1		1	210	254	0.6	2	0.39	1.7	2.6	1.7	13.5
	260	95	76	2.5	0.6	580	1290	940	1300	352938X2	2097938	1	210	254	0.6	2	0.38	1.76	2.62	1.72	13.3
	290	75	67	3	1	490	845	850	1200	190TDO290-1		1	208	279	1	2.5	0.39	1.7	2.6	1.7	16.2
	290	94	75	3	1	670	1230	900	1200	190TDO290-2		1	208	279	1	2.5	0.4	1.7	2.5	1.6	20.1
	290	134	104	3	1	845	1860	890	1200		2097138	1	208	279	1	2.5	0.37	1.83	2.72	1.79	28.8
	320	104	92	4	1.5	800	1380	800	1100	190TDO320-1		1	211	301	1.5	3	0.4	1.7	2.5	1.6	30.9
	320	130	104	4	1.5	1070	1960	800	1100	190TDO320-2		1	211	302	1.5	3	0.39	1.7	2.6	1.7	39
	320	170	130	3	1	1330	2530	840	1100		2097738	1	225	308	1	3	0.31	2.15	3.2	2.1	52
	320	171	134	4	1	1330	2530	840	1100	190TDO320-3		1	225	308	1	3	0.38	1.8	2.7	1.8	50.1
	340	133	105	5	1.5	990	1580	800	1100	190TDO340-1		1	217	320	1.5	4	0.4	1.7	2.5	1.6	43.9
	340	204	160	5	1.5	1680	3100	800	1100	190TDO340-2		1	217	327	1.5	4	0.4	1.7	2.5	1.6	70.8
	280	110	85	3	1	610	1530	900	1200		2097940	1	228	268	1	2.5	0.39	1.72	2.56	1.68	18.1
	290	121.45	88	6	1	765	1720	800	1100	200TDO290-1		1	228	279	0.8	4	0.4	1.7	2.5	1.6	23.7
	310	82	73	3	1	585	1070	800	1100	200TDO310-1		1	218	295	1	2.5	0.4	1.7	2.5	1.6	21.2
200	310	103	82	3	1	775	1400	850	1100	200TDO310-2		1	218	296	1	2.5	0.43	1.6	2.3	1.5	25.1
	310	151	118	3	1	910	2180	840	1100	352040X2-1		1	230	300	1	2.5	0.37	1.8	2.7	1.8	38
	310	151	120	3	1	910	2180	840	1100	352040X2		1	230	300	1	2.5	0.39	1.72	2.56	1.68	38.9
	310	152	123	3	1	1100	2280	840	1100	200TDO310-3		1	230	300	1	2.5	0.39	1.72	2.56	1.68	38.3
	310	170	140	3	1	1240	2730	750	1000	200TDO310-4		1	214	291.4	1	2.5	0.33	2.03	3.02	1.98	44.9
	320	146	110	5	1.5	990	2120	750	1000	200TDO320-1		1	236	307	1.5	4	0.52	1.3	1.9	1.3	41.6
	330	180	140	5	1.5	1390	2730	750	1000	200TDO330-1		1	237	319	1.5	4	0.42	1.6	2.4	1.6	54.4
	340	112	100	4	1.5	940	1670	750	1000	200TDO340-1		1	221	321	1.5	3	0.4	1.7	2.5	1.6	38.8
	340	140	112	4	1.5	1260	2250	750	1000	200TDO340-2		1	221	324	1.5	3	0.39	1.7	2.6	1.7	47
	340	183	150	4	1	1580	3050	800	1100	200TDO340-3		1	237	328	1	3	0.36	1.9	2.8	1.8	61.9
	340	184	150	4	1	1650	3400	800	1100		2097740	1	237	328	1	3	0.25	2.74	4.08	2.68	63.8
	350	140	112	4	1.5	1260	2250	750	1000	200TDO350-1		1	237	333	1.5	3	0.39	1.7	2.6	1.7	51.9
	356	152	111	6	1.5	1190	2470	750	1000	200TDO356-1		1	249	341	1.5	5	0.3	3.2	3	2	59.8
	360	142	110	5	1.5	1100	1780	750	1000	200TDO360-1		1	227	338	1.5	4	0.4	1.7	2.5	1.6	52.6
	360	218	174	5	1.5	1860	3500	750	1000		97540E	1	227	342	1.5	4	0.4	1.7	2.5	1.6	87.2

Double-row Taper Roller Bearing with Double Inner Ring

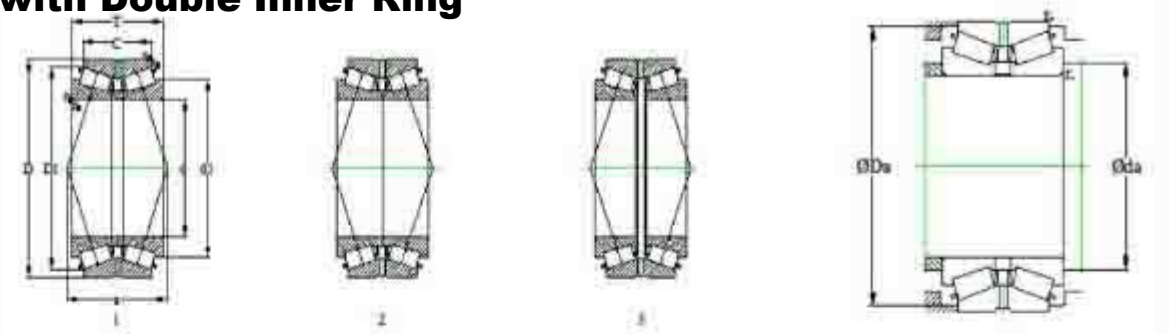
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基本尺寸(mm) Boundary Dimensions						基本额定载荷(kN) Basic Load Ratings		极限转速(rpm) Speed Ratings 脂润滑 油润滑		轴承代号 Bearing Numbers		结构 Design	相关安装尺寸 Abutment and Fillet Dimensions				计算系数 Calculation Factors				质量(kg) Mass (参考) Refer.
d	D	T	C	r1.2min	r3.4min	Cr	Cor	Grease	Oil	新型号 New	旧型号 Old		d _a min	D _a max	r _b max	r _a max	e	Y ₁	Y ₂	Y ₀	
205	320	146	111	5	1.5	990	2120	940	1100	205TNA320-1		2	238	307	1.5	4	0.52	1.3	1.9	1.3	40.2
	320	150	110	4	1.5	990	2120	940	1100		37741	2	238	307	1.5	4	0.39	1.72	2.56	1.68	40.2
206	283	102	83	4	1.5	580	1430	1000	1300	206TDO283-1		1	231	275	1.5	3	0.51	2	0.51	1.3	18.1
210	300	110	85	1	1	735	1550	940	1100	210TDO300-1		1	233	291	0.8	0.8	0.38	1.8	2.6	1.7	22.6
	355	116	103	4	1.5	905	1520	920	1050	210TDO355-1		1	248	342	1.5	3	0.46	1.5	2.2	1.4	41.7
	360	190	160	5	1.5	1620	3200	920	1050	210TDO360-1		1	251	348	1	3	0.39	1.8	2.6	1.7	74.7
220	300	110	88	3	1	730	1710	810	1100		2097944	1	244	293	1	2.5	0.37	1.8	2.7	1.8	21.2
	340	90	80	4	1.5	695	1280	750	1000	220TDO340-1		1	241	324	1.5	3	0.4	1.7	2.5	1.6	27.9
	340	113	90	4	1.5	920	1830	750	1000	220TDO340-2		1	241	327	1.5	3	0.4	1.7	2.5	1.6	34.7
	340	130	110	4	1.5	920	1830	750	1000	220TNA340-1		2	255	330	1	2.5	0.4	1.7	2.5	1.6	39.7
	340	158	130	4	1	1340	2750	750	1000	220TDO340-1		1	238	324	1	3	0.33	2	3	2	46.7
	340	164	130	4	1	1567	3182	750	1000	220TDO340-2		1	234	323	1	2.5	0.43	1.6	2.3	1.6	50
	340	165	130	4	1	1567	3182	750	1000		2097144	1	234	323	1	2.5	0.43	1.6	2.3	1.6	50
	370	120	107	5	1.5	1235	2166	710	950	220TDO370-1		1	247	345	1.5	4	0.4	1.7	2.5	1.7	49
	370	150	120	5	1.5	1460	2760	710	950	220TDO370-2		1	247	349	1.5	4	0.39	1.7	2.6	1.7	60.2
	370	195	150	4	1.5	1530	3200	760	1000		2097744	1	247	349	1	2.5	0.37	1.83	2.72	1.79	76.3
	400	150	114	5	1.5	1390	2300	670	900	200TDO400-1		1	266	381	1.5	4	0.4	1.7	2.5	1.6	70.9
	400	158	122	5	1.5	1390	2300	670	900	200TDO400-2		1	247	371	1.5	4	0.4	1.7	2.5	1.6	74.2
	420	130	100	5	2.5	1160	1820	760	1000	220TDO420-1		1	242	378	2	4	0.4	1.7	2.5	1.6	73.1
225	360	146.5	111	3	1	1160	1820	760	1000		37745	2	259	335	1	12.5	0.36	1.87	2.79	1.83	48.2
230	355	145	110	6	1.5	1160	2370	760	1000		37746	2	264	340	1	4	0.36	1.87	2.79	1.83	49
	355	146	111	6	1.5	1160	2370	760	1000	230TNA355-1		2	264	340	1	4	0.33	2	3	2	48.2
	355.64	144	110	6	1.5	1250	2590	760	1000	230TDO355-2A		1	258	331.4	1.5	5	0.35	1.95	2.9	1.91	47.5
	380	175	115	5	1.5	1470	2890	760	1000	230TDO380-1		1	276	365	1.5	4	0.8	0.85	1.3	0.83	69.9
	380	200	160	5	1.5	1930	3800	760	1000	230TDO380-2		1	270	367	1.5	4	0.33	2	3	2	80.9
	400	188	136	7.5	1.5	1620	3000	710	950	230TDO400-1		1	274	379	1	6	0.44	1.5	2.3	1.5	85.9
	410	180	120	5	1.5	1770	3150	710	950	230TDO410-1		1	278	395	1.5	4	0.55	1.2	1.8	1.2	91.5

Double-row Taper Roller Bearing with Double Inner Ring

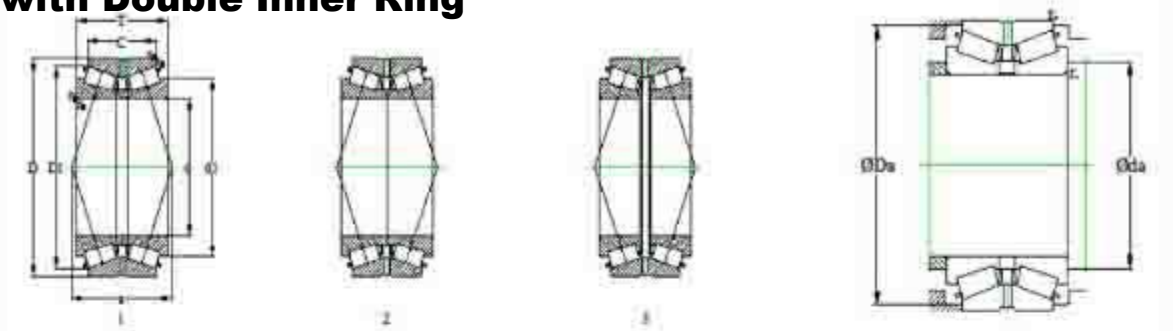
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基本尺寸(mm) Boundary Dimensions						基本额定载荷(kN) Basic Load Ratings		极限转速(rpm) Speed Ratings 脂润滑 油润滑 Grease Oil		轴承代号 Bearing Numbers 新型号 旧型号 New Old		结构 Design	相关安装尺寸 Abutment and Fillet Dimensions da min Da max Tb max Ta max				计算系数 Calculation Factors e Y1 Y2 Y0				质量(kg) Mass (参考) Refer.
d	D	T	C	r1.2min	r3.4min	Cr	Cor														
230	420	200	160	5	1.5	1960	3630	710	950	230TDO420-1		1	252	390.4	1.5	4	0.47	1.43	2.12	1.4	114
	430	215	130	6	1.5	2040	3700	710	950	230TDO430-1		1	291	416	1.5	5	0.86	0.79	1.2	0.77	128
	450	265	164	6	1.5	2730	4850	710	950	230TDO450-1		1	295	433	1.5	5	0.87	0.78	1.2	0.76	175
240	320	105	82	3	1	830	1960	760	1000	240TDO320-1	2097948	1	254	312	1	2.5	0.32	2.12	3.15	2.07	22.3
	320	109	90	3	1	830	1960	760	1000			1	254	312	1	2.5	0.46	1.47	2.19	1.44	24
	320	110	87	3	1	795	1890	760	1000		2097948K	1	252	314	1	2	0.32	2.12	3.15	2.07	23
	320	110	90	2.5	1	795	1890	760	1000	240TDO320-2		1	252	314	1	2	0.46	1.5	2.2	1.4	21.6
	360	92	82	4	1.5	780	1490	670	950	240TDO360-1		1	261	344	1.5	3	0.39	1.7	2.6	1.7	30.1
	360	115	92	4	1.5	1020	2040	670	950	240TDO360-2		1	261	344	1.5	3	0.39	1.9	2.9	1.9	37.3
	360	164	130	3	1	1420	3050	670	950	240TDO360-3	2097148	1	254	356	1	2.5	0.32	2.1	3.2	2.1	51.9
	360	165	130	3	1	1420	3050	690	920	240TDO360-4		1	254	356	1	2.5	0.32	2.1	3.2	2.1	52.8
	360	170	142	4	1	1350	2870	690	920			1	274	351	1	3	0.39	1.7	2.6	1.7	54.1
	400	128	114	5	1.5	1180	2190	630	850	240TDO400-1		1	267	380	1.5	4	0.43	1.6	2.3	1.5	60
	400	160	128	5	1.5	1620	3050	630	850	240TDO400-2		1	267	378	1.5	4	0.39	1.7	2.6	1.7	73.6
	400	209	168	4	1.5	2140	4350	630	850	240TDO400-3		1	258	376	1.5	3	0.32	2.1	3.2	2.1	94.1
	400	210	163	4	1.5	2140	4350	630	850	240TDO407-1	2097748	1	258	376	1.5	3	0.32	2.1	3.2	2.1	94
	407	216	185	6	1.5	2220	4450	630	850			1	285	393	1.5	5	0.33	2	3	2	106
	440	165	127	4	1.5	1680	2960	630	850	240TDO440-1		1	258	406	1.5	3	0.49	1.4	2.1	1.4	100.4
250	440	266	212	4	1.5	2920	5500	630	850	240TDO440-2		1	258	421.5	1.5	3	0.43	1.6	2.3	1.5	164.8
	500	282	168	6	1	3060	5000	600	850	240TDO500-1		1	268	481	1	5	0.94	0.72	1.07	0.7	250
	380	98	87	4	1	795	1460	600	850	250TDO380-1		1	285	369	1	3	0.4	1.7	2.5	1.6	35.5
260	480	210	180	6	2	2400	3900	600	850	250TDO480-1		1	278	447.2	2	5	0.4	1.68	2.5	1.64	156
	360	105	76	3	1	940	1900	670	900	260TDO360-1		1	274	346	1	2.5	0.35	1.9	2.9	1.8	28
	360	133	109	3	1	1100	2630	670	900	260TDO360-2		1	274	346	1	2.5	0.43	1.57	2.34	1.53	38.6
	360	134	108	3	1	1100	2630	670	900	260TDO360-2	2097952	1	274	346	1	2.5	0.43	1.57	2.34	1.53	39
	390	146	112	5	1.5	1260	2440	630	850			2	295	379	1.5	4	0.39	1.7	2.5	1.7	52.3
	400	104	92	5	1.5	1064	1976	630	850	260TDO400-1		1	287	379	1.5	4	0.4	1.7	2.5	1.6	44
	400	130	104	5	1.5	1210	2460	600	850	260TDO400-2		1	287	382	1.5	4	0.4	1.7	2.5	1.6	54.1

Double-row Taper Roller Bearing with Double Inner Ring

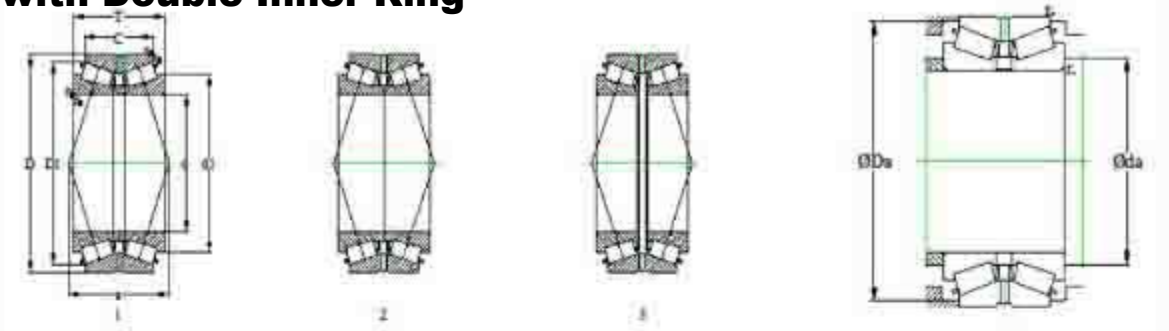
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基本尺寸(mm) Boundary Dimensions						基本额定载荷(kN) Basic Load Ratings		极限转速(rpm) Speed Ratings 脂润滑 油润滑		轴承代号 Bearing Numbers 新型号 旧型号		结构 Design	相关安装尺寸 Abutment and Fillet Dimensions				计算系数 Calculation Factors				质量(kg) Mass (参考) Refer.
d	D	T	C	r1.2min	r3.4min	Cr	Cor	Grease	Oil	New	Old		da min	Da max	Tb max	Ta max	e	Y1	Y2	Y0	
260	400	146	108	6	1.5	1300	2570	600	850	260TDO400-1		1	288	374	1.5	5	0.39	1.71	2.54	1.67	65
	400	149	110	6	1.5	1270	2600	600	850	260TDO400-2		1	288	371	4 1.5	5	0.35	1.95	2.9	1.91	61.6
	400	150	110	6	1.5	1280	2630	630	840		37852	2	288	371	4 1.5	5	0.35	1.95	2.99	1.91	60.3
	400	155	108	9.5	1.6	1260	2440	630	840	260TDO400-3		1	300	383	1.6	9.5	0.39	1.7	2.5	1.7	58
	400	185	146	4	1.5	1720	3650	630	840	260TDO400-4		1	278	376	1.5	3	0.29	2.3	3.4	2.3	75.1
	400	186	146	4	1.5	1720	3650	630	840		2097152	1	278	376	1.5	3	0.29	2.3	3.4	2.3	76
	430	179	130	7.5	1.5	1820	3710	630	840	260TDO430-1		1	296	395	1.5	6	0.35	1.95	2.9	1.91	94.3
	430	180	130	7.5	1.5	1820	3710	630	840		37752	2	296	395	1.5	6	0.35	1.95	2.9	1.91	87.9
	440	144	128	5	1.5	1776	3277	560	800	260TDO440-1		1	287	416	1.5	4	0.37	1.8	2.7	1.8	86.5
	440	172	145	5	1.5	1860	3500	560	800	260TDO440-2		1	305	422	1.5	4	0.38	1.8	2.6	1.7	98.1
	440	180	144	5	1.5	2110	4150	560	800	260TDO440-3		1	287	416	1.5	4	0.39	1.7	2.6	1.7	104
	440	224	180	5	1.5	2700	5350	580	770	260TDO440-4		1	282	408	5 1.5	4	0.24	2.84	4.23	2.78	130
	440	225	180	5	1.5	2200	4800	580	770		2097752	1	282	408	5 1.5	4	0.24	2.84	4.23	2.78	131
	445	144	128	5	1.5	1540	2760	580	770	260TDO445-1		1	306	426	1.5	4	0.39	1.7	2.6	1.7	86
	480	284	220	5	1.5	3819	6982	580	770	260TDO480-1		1	322	515	1.5	4	0.43	1.6	2.3	1.6	210
	530	275	163.9 6	2.5		3150	5650	560	740	260TDO530-1		1	337	510	2	5	0.94	0.72	1.1	0.7	259
270	355	120	95	3	1.5	890	2260	560	740	270TDO355-1		1	295	347	1	2.5	0.35	1.9	2.9	1.9	29.3
280	380	134	108	3	1	940	2650	620	820		2097956	1	315	368	1	3	0.32	2.1	3.13	2.05	44
	400	150	120	6	1.5	1290	2870	620	820	280TDO400-1		1	315	389	1.5	5	0.39	1.8	2.6	1.7	54.2
	420	106	94	5	1.5	915	1820	620	820	280TDO420-1		1	318	406	1.5	4	0.44	1.5	2.3	1.5	46.7
	420	133	106	5	2	1350	2760	620	820	280TDO420-2		1	319	407	2	4	0.4	1.7	2.5	1.6	59.7
	420	186	146	5	1.5	1800	4100	620	820		2097156	1	319	442	1.5	4	0.37	1.83	2.72	1.79	81.5
	425	133	106	5	2	1350	2760	620	820	280TDO425-1		1	319	409	2	4	0.4	1.7	2.5	1.6	62.3
	460	146	130	6	2	1660	3000	580	770	280TDO460-1		1	323	440	2	5	0.39	1.7	2.6	1.7	88.2
	460	183	146	6	1.5	2170	4250	580	770	280TDO460-2		1	327	442	1.5	5	0.39	1.7	2.6	1.7	109
	470	250	180	6.4	1.5	3296	6080	580	770	280TDO470-1		1	330	450	1.5	5	0.46	1.5	2.2	1.4	155
	500	195	145	6	1.5	2470	4500	580	770	280TDO500-1		1	335	479	1.5	5	0.45	1.5	2.2	1.5	155
289	422	186	146	6	1.5	2040	4650	580	770	289TDO422-1		1	326	410	1.5	5	0.31	2.2	3.2	2.1	82.3

Double-row Taper Roller Bearing with Double Inner Ring

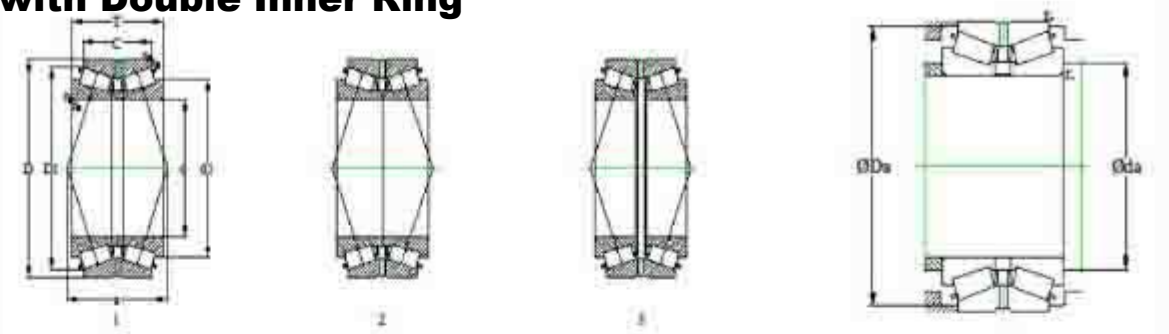
WSW



基本尺寸(mm) Boundary Dimensions						基本额定载荷(kN) Basic Load Ratings		极限转速(rpm) Speed Ratings 脂润滑 油润滑		轴承代号 Bearing Numbers 新型号 旧型号		结构 Design	相关安装尺寸 Abutment and Fillet Dimensions da min Da max Tb max Ta max				计算系数 Calculation Factors e Y1 Y2 Y0				质量(kg) Mass (参考) Refer.
d	D	T	C	r1.2min	r3.4min	Cr	Cor	Grease	Oil	New	Old		da min	Da max	Tb max	Ta max	e	Y1	Y2	Y0	
290	400	120	90	5	1.5	1050	2380	580	770	290TDO400-1		1	322	389	1.5	4	0.41	1.6	2.4	1.6	40.7
	405	165	130	5.5	1	1530	3650	580	770	290TDO405-1		1	324	395	1	5.5	0.34	2	3	2	59.9
	430	150	135	4	1.5	1350	3200	580	770	290TDO430-1		1	308	407	1.5	3	0.39	1.7	2.6	1.7	73.5
300	420	148	118	5	2	1290	2960	580	770	300TDO420-1		1	335	408	2	4	0.41	1.6	2.4	1.6	58.9
	420	160	128	4	1	1600	3610	580	770	352960X2		1	318	481	1	4	0.28	2.39	3.56	2.34	60.8
	440	139	100	4	0.6	1360	2870	560	740	300TDO440-1		1	318	411.9	0.6	3	0.37	1.8	2.69	1.76	63.8
	460	118	105	5	1.5	1130	2180	560	740	300TDO460-1		1	344	446	1.5	4	0.42	1.6	2.4	1.6	64.8
	460	148	118	5	1.5	1570	3300	560	740	300TDO460-2		1	347	448	1.5	4	0.42	1.6	2.4	1.6	83.3
	460	210	165	5	1.5	2100	4800	560	740		2097160	1	347	484	1.5	4	0.36	1.85	2.76	1.81	118
	500	160	142	6	2	1970	3600	530	710	300TDO500-1		1	350	481	2	5	0.39	1.7	2.6	1.7	115
	500	179	125	7.5	1.5	1980	3760	530	710	300TDO500-2		1	336	455	1.5	5	0.26	2.55	3.8	2.5	122
	500	200	160	6	2	2530	5000	530	710		97860	1	352	481	2	5	0.39	1.7	2.6	1.7	146
	500	203	152	5	1.5	2670	4850	530	710	300TDO500-3		1	352	481	1.5	4	0.4	1.7	2.5	1.6	140
	500	205	152	5	1.5	2670	4850	530	710		1097760	1	352	481	1.5	4	0.4	1.7	2.5	1.6	140
	502	200	160	6	2	2530	5000	530	710	300TDO502-1		1	352	482	2	5	0.39	1.7	2.6	1.7	148
	540	208	158	5	2.5	2440	450	500	660	300TDO540-1		1	322	498	2	4	0.49	1.4	2.1	1.4	184
	560	170	50	5	5	3200	3800	500	660		370660/HC	1	322	536	4	4	0.81	0.823	1.23	0.81	197
	600	310	220	6	1.5	4450	7900	500	660	300TDO600-1		1	370	571	1.5	4	0.35	1.9	2.9	1.9	357
305	560	223	130	5	2.5	2530	4700	500	660	305TDO560-1		1	327	530	2	4	1.09	0.6	0.9	0.6	227
310	470	200	148	9.5	1.5	2230	4800	530	710	310TDO470-1		1	359	456	1.5	8	0.4	1.7	2.5	1.6	11
320	480	121	108	5	1.5	1310	2550	530	710	320TDO480-1		1	359	462	1.5	4	0.4	1.7	2.5	1.6	70.9
	480	151	121	5	1.5	1750	3700	530	710		97764	1	362	464	1.5	4	0.4	1.7	2.5	1.6	88
	480	215	163	5	1.5	2580	5850	530	710	320TDO480-2		1	365	468	1.5	4	0.46	1.5	2.2	1.4	125
	480	220	186	5	1	2580	5850	530	710	352064		1	365	468	1.5	4	0.46	1.47	2.19	1.44	134
	540	176	130	6	2	2360	4450	530	710	320TDO540-1		1	375	516	2	4	0.39	1.7	2.6	1.7	153
	540	176	157	6	2	2430	4600	530	710	320TDO540-2		1	375	520	2	5	0.39	1.7	2.6	1.7	153
	540	220	176	6	2	3050	6100	530	710	320TDO540-3		1	379	520	2	5	0.39	1.7	2.6	1.7	190
	550	240	180	5	2.5	3300	6500	530	710	320TDO550-1		1	342	514	2	4	0.4	1.7	2.5	1.6	222

Double-row Taper Roller Bearing with Double Inner Ring

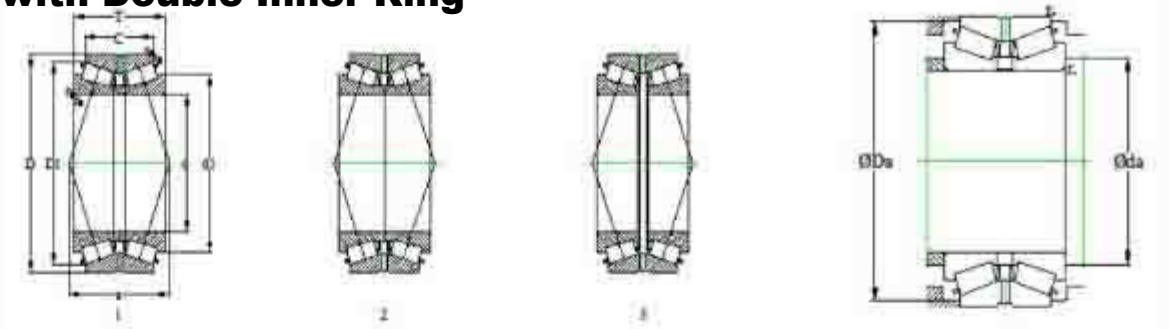
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基本尺寸(mm) Boundary Dimensions						基本额定载荷(kN) Basic Load Ratings		极限转速(rpm) Speed Ratings 脂润滑 油润滑 Grease Oil		轴承代号 Bearing Numbers 新型号 旧型号 New Old		结构 Design	相关安装尺寸 Abutment and Fillet Dimensions da min Da max Td max Ta max				计算系数 Calculation Factors e Y1 Y2 Y0				质量(kg) Mass (参考) Refer.
d	D	T	C	r1.2min	r3.4min	Cr	Cor														
330	500	190	150	6	1.5	2360	5200	500	660	330TDO500-1		1	377	485	1.5	5	0.39	1.7	2.6	1.7	125
330.25	528	292	210	特殊	1	3250	7250	500	660	330TDO528-1A		1	393	513	1	--	0.43	1.6	2.3	1.5	221
340	460	160	128	3	1	1950	4650	500	660	2097968		1	354	441	1	2.5	0.31	2.2	3.3	2.2	71
	500	150	120	2	6	1780	3630	500	660			1	368	475	3.2	5	0.42	1.62	2.42	1.59	91.4
	500	154	110	1.5	6	1780	3630	500	660			1	368	477	1.5	5	0.42	1.62	2.42	1.59	99
	500	249	203	5	1.5	2690	6200	500	660	340TDO500-3		1	362	481	1.5	4	0.33	2	3	2	147
	500	249.22	203.2	5	1.5	2950	6850	500	660	340TDO500-4		1	381	485	1.5	4	0.28	2.4	3.6	2.4	149
	520	133	118	6	2	1580	3150	500	660	340TDO520-1		1	387	501	2	5	0.37	1.8	2.7	1.8	94.9
	520	165	133	6	2	2140	4300	460	620	340TDO520-2		1	386	503	2	5	0.39	1.7	2.6	1.7	118
	580	190	169	6	2	2690	5150	460	620	340TDO580-1		1	399	554	2	5	0.39	1.7	2.6	1.7	194
	580	238	190	6	2	3450	7050	460	620	340TDO580-2		1	401	557	2	5	0.39	1.7	2.6	1.7	240
	580	241	170	6	1.5	3480	6890	460	620	340TDO580-3		1	368	540	1.5	5	0.43	1.57	2.34	1.53	237
	580	242	170	6	1.5	3480	6890	460	620	1097768		1	368	540	1.5	5	0.43	1.57	2.34	1.53	238
	580	305	241	6	2	4700	10200	460	620			1	401	557	2	4	0.33	2	3	2	323
360	480	160	128	4	1	1950	4750	510	680	2097972		1	405	460	1	3	0.33	2	3	2	74.7
	540	134	120	6	2	1690	3300	460	620			1	405	522	2	5	0.39	1.7	2.6	1.7	97.6
	540	169	134	6	2	2280	4800	460	620			1	409	524	2	5	0.39	1.7	2.6	1.7	123
	540	184	140	6	1.5	2400	4980	460	620	360TDO540-2		1	388	510	1.5	5	0.29	2.32	3.45	2.26	131
	540	185	140	6	1.5	2400	4980	460	620	97172		1	388	510	1.5	5	0.29	2.32	3.45	2.26	132
	560	300	240	6	2	4100	9500	400	520			1	410	540	2	4	0.28	2.4	3.6	2.4	254
	600	192	171	6	2	2860	5750	400	520	360TDO600-1		1	420	577	2	5	0.41	1.6	2.4	1.6	214
	600	240	192	6	2	3850	8000	400	520	360TDO600-2		1	420	577	2	5	0.39	1.7	2.6	1.7	260
	600	242	170	6	2	3200	7100	400	520	1097772		1	420	577	2	5	0.44	0.54	2.3	1.51	221
	605	192	171	6	2	2860	5750	400	520			1	420	579	2	5	0.41	1.6	2.4	1.6	220
370	680	280	188	7.5	4	4400	8500	380	500	370TDO680-1		1	452	652	3	6	0.7	0.97	1.4	0.94	417
380	508	139.7	88.9	6.4	1.5	920	2270	380	500	380TDO508-1		1	408	483	1.5	5	0.53	1.3	1.9	1.2	69.5
	520	145	105	4	1	1950	3950	530	710	1097976		1	424	502	1	3	0.38	1.77	2.64	1.73	78.8
	520	148	112	4	1.5	2050	4280	530	710			1	424	502	1.5	3	0.3	2.3	3.4	2.2	80.2

Double-row Taper Roller Bearing with Double Inner Ring

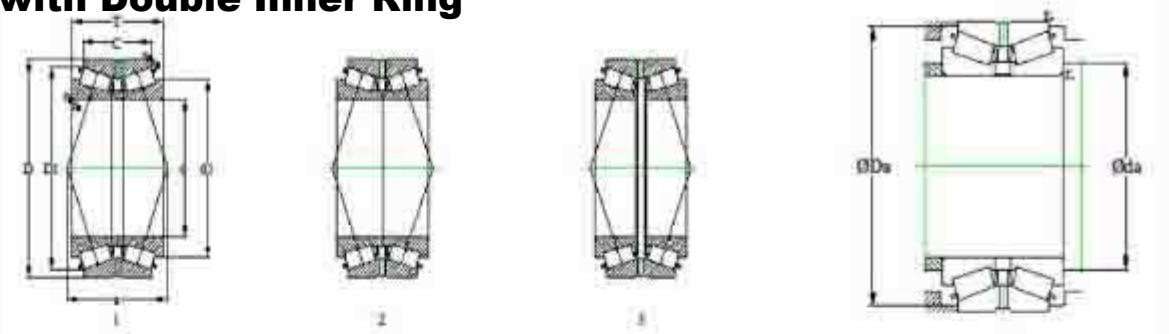
WSW



基 本 尺 寸(mm) Boundary Dimensions						基本额定载荷(kN) Basic Load Ratings		极限转速(rpm) Speed Ratings 脂润滑 油润滑		轴 承 代 号 Bearing Numbers		结构 Design	相关安装尺寸 Abutment and Fillet Dimensions				计算系数 Calculation Factors				质量(kg) Mass (参考) Refer.
d	D	T	C	r1.2min	r3.4min	Cr	Cor	Grease	Oil	新型号 New	旧型号 Old		da min	Da max	fb max	fa max	e	Y1	Y2	Y0	
380	560	135	122	6	2	1830	3700	530	710	380TDO560-1	97176	1	424	541	2	5	0.37	1.8	2.7	1.8	110
	560	171	135	6	2	2480	5450	530	710	380TDO560-2		1	428	543	2	5	0.37	1.8	2.7	1.8	136
	560	190	140	6	2	2700	6400	410	540			1	428	543	2	5	0.39	1.75	2.61	1.71	137
	620	194	173	6	2	2560	4850	410	540	380TDO620-1	1097776	1	437	596	2	5	0.39	1.7	2.6	1.7	206
	620	241	170	5	2	3700	7400	410	540	380TDO620-2		1	402	582	2	4	0.46	1.5	2.2	1.4	253
	620	242	170	6	2	3950	8550	410	540			1	443	599	2	5	0.46	1.47	2.18	1.43	256
	620	243	194	6	2	3950	8550	410	540	380TDO620-3		1	443	599	2	5	0.39	1.7	2.6	1.7	276
	660	380	310	14	3.5	7270	15200	410	540	380TDO660-1		1	443	622	3	12	0.33	2	3	2	520
	385	550	220	180	6	1.5	3150	8000	410	540	385TDO550-1	1	429	534	1.5	5	0.33	2	3	2	162
	390	600	185	130	5	1.5	2470	5300	410	540	390TDO600-1	1	442	575	1.5	4	0.37	1.8	2.7	1.8	178
400	600	310	220	6	1.5	3800	8750	410	540	390TDO600-2		1	444	581	1	4	0.35	1.9	2.9	1.9	279
	630	254	170	1.5	6	3460	7490	410	540	390TDO630-1		1	418	601	1.5	5	0.76	0.88	1.31	0.86	290
	540	140	100	6	1	1400	3300	410	540	400TDO540-1		1	440	527	1	5	0.48	1.4	2.1	1.4	78.4
	590	185	123	6	1	2400	5100	410	540	400TNA590-1		2	419	560	1	5	0.32	2.12	3.15	2.07	150
	600	148	132	6	2	2080	4250	410	540	400TDO301		1	450	579	2	5	0.37	1.8	2.7	1.8	135
	600	185	148	6	2	2710	5950	410	540	400TDO600-1		1	453	581	2	5	0.37	1.8	2.7	1.8	173
	600	195	148	6	2	3070	6430	410	540	400TDO600-2		1	428	560	2	5	0.32	2.12	3.15	2.07	177
	600	205	150	6	1.5	2830	6270	410	540	400TDO600-3		1	428	560	1.5	5	0.4	1.68	2.5	1.64	187
	600	206	150	6	1.5	2830	6270	410	540	351080		1	428	560	1.5	5	0.38	1.78	2.65	1.74	179
	650	200	178	6	3	3300	6750	410	540	400TDO650-1		1	458	622	2.5	5	0.39	1.7	2.6	1.7	253
420	650	250	200	6	3	4200	9150	410	540	400TDO650-2		1	462	625	2.5	5	0.39	1.7	2.6	1.7	309
	650	255	200	6	3	4200	9150	360	480	400TDO650-3	1097780	1	462	625	2.5	5	0.41	1.66	2.47	1.63	279
	650	280	180	6	2.5	3800	8400	360	480			1	478	628	2	5	0.87	0.78	1.2	0.76	340
	820	295	180	7.5	4	5300	8950	360	480	400TDO820-1		1	498	775	3	6	0.61	1.1	1.7	1.1	638
	600	150	134	6	2	2240	4750	360	480	420TDO600-1		1	467	588	2	5	0.39	1.7	2.6	1.7	131
	620	150	134	6	2	2240	4750	360	480	420TDO620-1		1	467	598	2	5	0.39	1.7	2.6	1.7	151
	620	188	150	6	2	2850	6450	360	480	420TDO620-2		1	471	600	2	5	0.39	1.7	2.6	1.7	184
	620	190	125	6	2	2060	4380	360	480	420TDO620-3		1	448	583	1.5	5	0.35	1.95	2.91	1.91	184

Double-row Taper Roller Bearing with Double Inner Ring

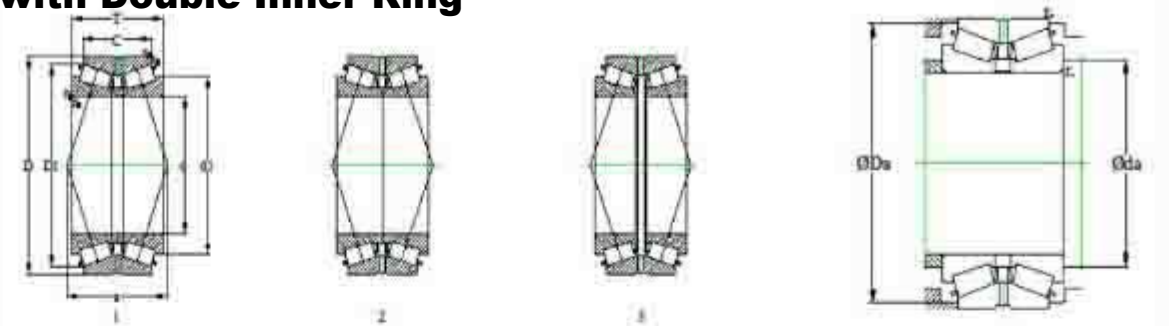
WSW



基本尺寸(mm) Boundary Dimensions						基本额定载荷(kN) Basic Load Ratings		极限转速(rpm) Speed Ratings 脂润滑 油润滑 Grease Oil		轴承代号 Bearing Numbers 新型号 旧型号 New Old		结构 Design	相关安装尺寸 Abutment and Fillet Dimensions da min Da max Db max Da max				计算系数 Calculation Factors e Y1 Y2 Y0				质量(kg) Mass (参考) Refer.
d	D	T	C	r1.2min	r3.4min	Cr	Cor	Grease	Oil	New	Old		da min	Da max	Db max	Da max	e	Y1	Y2	Y0	
420	620	205	150	6	2	2870	6160	360	480	420TDO620-4		1	448	585	1.5	5	0.4	1.68	2.5	1.64	180
	620	206	150	6	2	2870	6160	360	480	351084		1	448	585	1.5	5	0.41	1.64	2.44	1.6	191
	622.3	240	135	7.5	1.5	2720	6350	360	480	420TDO622-1A		1	493	610	1.5	6	1.3	0.54	0.8	0.52	232
	700	224	200	6	3	3950	8200	360	480		373184	1	486	670	2.5	5	0.32	2.12	3.15	2.07	382
	700	274	200	6	2.5	4650	9600	360	480	420TDO700-1		1	486	669	2	5	0.32	2.1	3.2	2.1	390
	700	275	200	6	2.5	4650	9600	360	480		1097784	1	486	669	2	5	0.32	2.12	3.15	2.07	376
	700	280	224	6	3	5150	11500	360	480	420TDO700-1		1	493	673	2.5	5	0.39	1.7	2.6	1.7	422
	650	157	140	6	3	2540	5600	360	480	440TDO650-1		1	493	628	2.5	5	0.37	1.8	2.7	1.8	175
	650	196	157	6	3	3500	7270	360	480	440TDO650-2		1	497	630	2.5	5	0.37	1.8	2.7	1.8	203
	650	211	152	6	2.5	3150	6900	360	480	440TDO650-3		1	468	615	2	5	0.43	1.57	2.34	1.53	211
440	655	196	157	6	3	3100	7300	360	480	440TDO655-1		1	497	633	2.5	5	0.37	1.8	2.7	1.8	220
	720	226	201	6	3	4100	8500	340	460	440TDO720-1		1	505	691	2.5	5	0.39	1.7	2.6	1.7	355
	720	283	226	6	3	5300	11700	340	460	440TDO720-2		1	511	694	2.5	5	0.39	1.7	2.6	1.7	438
	537	170	135	6	2.5	1760	5250	320	400	457TDO537-11		1	493	561	2	5	0.4	1.7	2.5	1.7	91.8
460	620	169	131	5	1.5	2260	5450	320	400	460TDO620-1		1	501	605	1.5	4	0.4	1.7	2.5	1.6	132
	640	200	160	6	2.5	2350	6350	320	400	460TDO640-1		1	517	627	2	5	0.47	1.4	2.1	1.4	185
	680	163	145	6	3	2680	5900	320	400	460TDO680-1		1	515	657	2.5	5	0.4	1.7	2.5	1.6	199
	680	204	163	6	3	3400	7950	320	400	460TDO680-2		1	518	659	2.5	5	0.4	1.7	2.5	1.6	244
	680	229	175	6	3	3430	7390	320	400	460TDO680-3		1	488	645	2	5	0.32	2.12	3.15	2.07	251
	760	240	214	7.5	4	3650	7100	320	400	460TDO760-1		1	532	728	3	6	0.39	1.7	2.6	1.7	421
	760	300	240	7.5	4	5850	13100	320	400	460TDO760-2		1	538	732	3	6	0.39	1.7	2.6	1.7	522
	615	120	94	3	1	1340	3400	360	480	480TDO615-1		1	514	600	1	2.5	0.35	1.9	2.9	1.9	80.5
	650	180	130	5	1.5	1980	5200	360	480		1097996	1	538	615	1.5	4	0.42	1.61	2.4	1.58	159
	700	165	147	6	3	2850	6150	300	380	480TDO700-1		1	534	678	2.5	5	0.39	1.7	2.6	1.7	207
480	700	206	165	6	3	3550	8100	300	380	480TDO700-2		1	536	678	2.5	5	0.39	1.7	2.6	1.7	253
	700	275	200	6	3	4320	10300	300	380	480TDO700-3		1	508	676	2.5	5	0.55	1.24	1.84	1.21	350
	790	248	221	7.5	4	4800	10000	300	380	480TDO790-1		1	553	757	3	6	0.39	1.7	2.6	1.7	472
	790	310	248	7.5	4	6300	14100	300	380	480TDO790-2		1	559	760	3	6	0.39	1.7	2.6	1.7	579

Double-row Taper Roller Bearing with Double Inner Ring

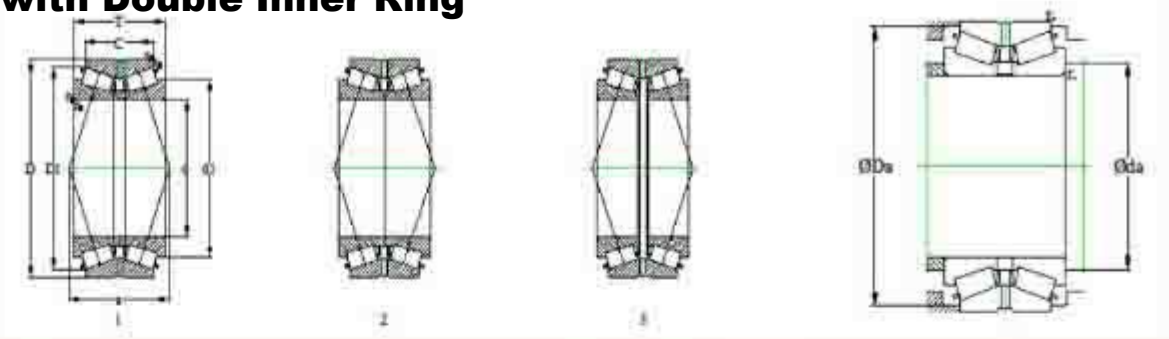
WSW



基 本 尺 寸(mm) Boundary Dimensions						基本额定载荷(kN) Basic Load Ratings		极限转速(rpm) Speed Ratings 脂润滑 油润滑		轴 承 代 号 Bearing Numbers 新 型 号 旧 型 号		结构 Design	相关安装尺寸 Abutment and Fillet Dimensions				计算系数 Calculation Factors				质量(kg) Mass (参考)	
d	D	T	C	r1.2min	r3.4min	Cr	Cor	Grease	Oil	New	Old		da min	Da max	fb max	fa max	e	Y1	Y2	Y0	Refer.	
490	640	179	144	7.5	2	2430	6480	320	400	490TDO640-1		1	526	615	2	6	0.37	1.8	2.69	1.76	139	
500	670	180	130	5	2	2400	6100			3519/500/HC		1	522	637	2	4	0.4	1.7	2.5	1.6	157	
	720	167	149	6	3	2730	6100			500TDO720-1		1	552	696	2.5	5	0.39	1.7	2.6	1.7	216	
	720	209	167	6	3	3600	8700			500TDO720-2		1	557	698	2.5	5	0.39	1.7	2.6	1.7	266	
	720	236	180	6	3	3600	8700				971/500			557	698	2	6	0.32	2.08	3.1	2.04	276
	830	264	235	7.5	4	5400	11500			500TDO830-1		1	577	793	3	6	0.39	1.7	2.6	1.7	563	
	830	330	264	7.5	4	7000	16000			500TDO830-2		1	583	797	3	6	0.39	1.7	2.6	1.7	692	
	910	360	260	7.5	4	7300	14900			500TDO910-1		1	599	868	3	6	0.55	1.2	1.8	1.2	929	
505	660	235	180	6	1.5	3250	9000			505TDO660-1		1	546	645	1.5	5	0.31	2.2	3.3	2.1	193	
506	636	187	147	7	2	2360	7000			506TDO636-1		1	546	625	2	7	0.35	1.9	2.8	1.9	128	
515	720	180	140	6	3	2730	6100			515TDO720-1		1	560	693	2.5	5	0.39	1.7	2.6	1.7	204	
520	740	189	120	6	3	2580	5320			520TDO740-1		1	534	695	2.5	2	0.48	1.42	2.11	1.39	215	
530	710	189	136	6	1.5	3100	7590			530TDO710-1		1	558	680	1.5	5	0.4	1.68	2.5	1.64	189	
	710	190	136	6	1.5	3100	7590				10979/530		1	558	680	1.5	5	0.4	1.68	2.5	1.64	190
	780	185	163	6	3	3600	8200			530TDO780-1		1	589	752	2.5	5	0.37	1.8	2.7	1.8	295	
	780	231	185	6	3	4450	10700			530TDO780-2		1	593	754	2.5	5	0.37	1.8	2.7	1.8	362	
	870	272	239	7.5	4	5850	12500			530TDO870-1		1	610	834	3	6	0.39	1.7	2.6	1.7	620	
	870	340	272	7.5	4	7300	16600			530TDO870-2		1	614	836	3	6	0.39	1.7	2.6	1.7	771	
540	850	300	200	7.5	4	5750	12500			540TDO850-1		1	623	824	3	6	0.65	1	1.5	1	575	
560	735	225	180	6.4	1.5	3950	11200			560TDO735-1		1	608	719	1.5	6.4	0.35	1.9	2.9	1.9	244	
	740	190	140	6.4	1.5	3000	7800			560TDO740-1		1	606	720	1.5	6.4	0.34	2	2.9	1.9	200	
	750	212	156	6.4	1.5	3290	8250			560TDO750-1		1	588	720	1.5	6.4	0.43	1.57	2.34	1.53	234	
	820	195	173	6	3	3700	8650			560TDO820-1		1	622	790	2.5	5	0.39	1.7	2.6	1.7	342	
	820	244	195	6	3	4900	12400			560TDO820-2		1	627	793	2.5	5	0.39	1.7	2.6	1.7	423	
	920	280	246	7.5	4	6300	13400			560TDO920-1		1	643	881	3	6	0.39	1.7	2.6	1.7	724	
	920	350	280	7.5	4	8100	18600			560TDO920-2		1	649	885	3	6	0.39	1.7	2.6	1.7	891	

Double-row Taper Roller Bearing with Double Inner Ring

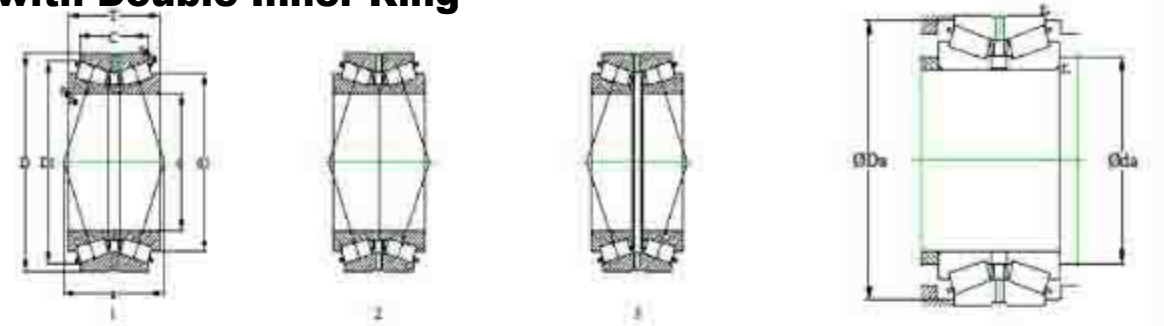
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基本尺寸(mm) Boundary Dimensions						基本额定载荷(kN) Basic Load Ratings		极限转速(rpm) Speed Ratings 脂润滑 油润滑 Grease Oil		轴承代号 Bearing Numbers 新型号 旧型号 New Old		结构 Design	相关安装尺寸 Abutment and Fillet Dimensions da min Da max fb max fa max				计算系数 Calculation Factors e Y1 Y2 Y0				质量(kg) Mass (参考) Refer.
d	D	T	C	r1.2min	r3.4min	Cr	Cor														
570	815	345	265	6	3	6850	18600			570TDO815-1		1	633	791	2.5	5	0.33	2	3	2	551
580	800	300	235	6	3	5900	15600			580TDO800-1		1	635	781	2.5	5	0.33	2.1	3.1	2	430
	900	300	200	7.5	4	5950	13400			580TDO900-1		1	667	873	3	6	0.7	0.97	1.4	0.94	634
590	780	255	178	5	2.5	3900	10500			590TDO780-1		1	612	754	2	4	0.39	1.7	2.6	1.7	291
	990	400	270	7.5	4	8600	19300			590TDO990-1		1	695	954	3	6	0.67	1	1.5	0.98	1140
600	800	205	156	5	1.5	3200	9400				3519/600	1	666	770	1.5	4	0.33	2.05	3.05	2	247
	870	200	176	6	3	4150	9650			600TDO870-1		1	666	841	2.5	5	0.39	1.7	2.6	1.7	387
	870	250	200	6	3	5350	13400			600TDO870-2		1	669	844	2.5	5	0.39	1.7	2.6	1.7	497
	870	269	198	6	3	5650	13500			600TDO870-3		1	628	830	2	5	0.4	1.68	2.5	1.64	494
	980	300	264	7.5	4	7350	16300			600TDO980-1		1	688	938	3	6	0.37	1.8	2.7	1.8	882
	980	388	300	7.5	4	9700	23200			600TDO980-2		1	696	943	3	6	0.37	1.8	2.7	1.8	1120
	825	190	145	6	1.5	2860	7850			620TDO825-1		1	668	793	1.5	5	0.33	2.1	3.1	2	247
	800	180	140	6	1.5	2960	8310			630TDO800-1		1	658	775	1.5	5	0.37	1.8	2.69	1.76	210
630	920	212	186	7.5	4	4650	11100			630TDO920-1		1	702	887	3	6	0.36	1.9	2.8	1.8	464
	920	265	212	7.5	4	5850	15000			630TDO920-2		1	705	889	3	6	0.36	1.9	2.8	1.8	574
	1030	315	277	7.5	4	8050	28000			630TDO1030-1		1	730	962	3	6	0.37	1.8	2.7	1.8	1000
650	820	205	160	6	1	3450	10400			650TDO820-1		1	697	804	1	5	0.35	1.9	2.8	1.9	245
	920	210	185	5	2	4650	11100			650TDO920-1		1	709	889	2	4	0.36	1.9	2.8	1.8	428
660	830	180	140	6	2.5	3050	8700			660TDO830-1		1	705	813	2	5	0.39	1.7	2.6	1.7	213
670	880	185	130	5	2	3300	8550			670TDO880-1		1	721	857	2	4	0.45	1.5	2.2	1.5	278
	980	230	202	7.5	4	5300	12300			670TDO980-1		1	743	946	3	6	0.37	1.8	2.7	1.8	571
	980	288	230	7.5	4	6900	16200			670TDO980-2		1	742	948	3	6	0.37	1.8	2.7	1.8	706
	1090	336	295	7.5	4	8750	19600			670TDO1090-1		1	760	1037	3	6	0.37	1.8	2.7	1.8	1210
700	1090	392	336	7.5	4	10300	24300			670TDO1090-2		1	764	1042	3	6	0.37	1.8	2.7	1.8	1390
	980	350	270	7.5	4	8200	22500			700TDO980-1		1	772	953	3	6	0.33	2	3	2	782

Double-row Taper Roller Bearing with Double Inner Ring

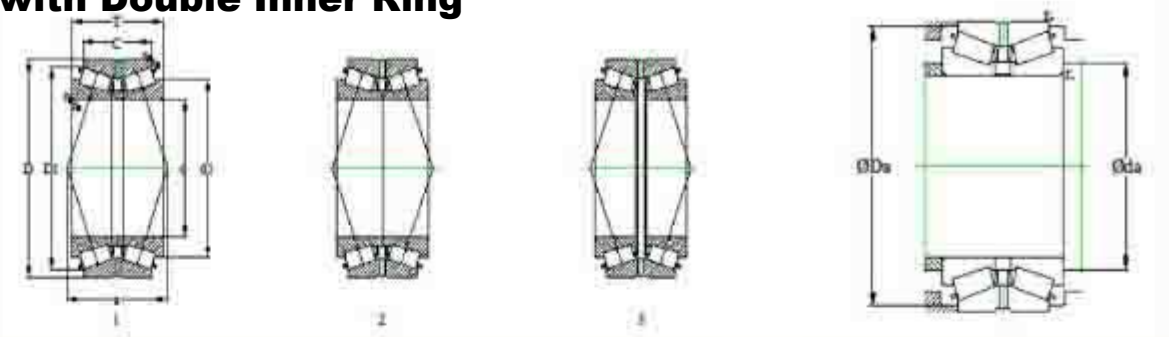
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基本尺寸(mm) Boundary Dimensions						基本额定载荷(kN) Basic Load Ratings		极限转速(rpm) Speed Ratings 脂润滑 油润滑 Grease Oil		轴承代号 Bearing Numbers 新型号 旧型号 New Old		结构 Design	相关安装尺寸 Abutment and Fillet Dimensions da min Da max Db max Fa max				计算系数 Calculation Factors e Y1 Y2 Y0				质量(kg) Mass (参考) Refer.
d	D	T	C	r1.2min	r3.4min	Cr	Cor	Grease	Oil	New	Old	Design	da min	Da max	Db max	Fa max	e	Y1	Y2	Y0	Refer.
700	980	350	270	7.5	4	8100	21300			700TDO980-2		1	736	950	3	6	0.39	1.74	2.59	1.7	763
	1030	250	210	7.5	4	5250	12600			700TDO1030-1		1	786	1004	3	6	0.7	0.97	1.4	0.94	674
	1030	280	210	7.5	4	6050	15100			700TDO1030-2		1	790	1004	3	6	0.7	0.97	1.4	0.94	749
	1030	380	310	7.5	4	7850	19700			700TDO1030-3		1	784	998	3	6	0.35	1.9	2.8	1.9	1040
	1070	348	240	7.5	4	8310	19700			700TDO1070-1		1	736	1010	3	6	0.55	1.24	1.84	1.21	1040
710	950	238.5	175	6	2.5	4600	11400			710TDO950-1	10979/710	1	766	926	2	5	0.46	1.5	2.2	1.4	421
	950	240	175	6	2.5	4600	11400			710TDO950-2		1	766	926	2	5	0.46	1.47	2.19	1.44	445
	1030	236	208	7.5	4	57500	14000			710TDO1030-1		1	788	995	3	6	0.36	1.9	2.8	1.8	642
	1030	295	236	7.5	4	7100	17200			710TDO1030-2		1	787	999	3	6	0.39	1.7	2.6	1.7	774
	1150	345	303	9.5	5	9470	20100			710TDO1150-1		1	754	1092	4	8	0.39	1.74	2.59	1.7	1350
	1150	393	345	9.5	5	10700	25000			710TDO1150-2		1	812	1103	4	8	0.37	1.8	2.7	1.8	1550
	1150	393	345	9.5	5	10700	25000			710TDO1150-2		1	812	1103	4	8	0.37	1.8	2.7	1.8	1550
740	1110	340	270	7.5	4	9200	22100			740TDO1100-1		1	827	1072	3	6	0.33	2	3	2	1100
750	1090	250	220	7.5	4	6450	15300			750TDO1090-1		1	835	1030	3	6	0.37	1.8	2.7	1.8	749
	1090	313	250	7.5	4	8000	20000			750TDO1090-2		1	833	1055	3	6	0.37	1.8	2.7	1.8	931
	1000	255	190	4	2.5	5400	15100			3519/750X2/Hc		1	833	1065	2	3	0.45	1.5	2.24	1.47	535
	1000	264	194	4	2.5	4900	15600			3519/750		1	833	1065	2	3	0.45	1.5	2.24	1.47	546
	1220	365	321	9.5	5	10600	24000			750TDO1220-1		1	870	1140	4	8	0.37	1.8	2.7	1.8	1620
780	1150	330	210	7.5	4	7450	18500			780TDO1150-1		1	874	1109	3	6	0.67	1	1.5	0.98	1040
	1150	330	210	7.5	4	7450	18500			780TDO1150-1		1	874	1109	3	6	0.67	1	1.5	0.98	1040
	1150	330	210	7.5	4	7450	18500			780TDO1150-1		1	874	1109	3	6	0.67	1	1.5	0.98	1040
	1150	330	210	7.5	4	7450	18500			780TDO1150-1		1	874	1109	3	6	0.67	1	1.5	0.98	1040
	1150	330	210	7.5	4	7450	18500			780TDO1150-1		1	874	1109	3	6	0.67	1	1.5	0.98	1040
800	1060	270	204	6	2.5	6250	15200			800TDO1060-1	10979/800	1	881	1040	2	5	0.35	1.93	2.87	1.88	606
	1150	258	227	7.5	4	6550	15700			800TDO1150-1		1	881	1113	3	6	0.39	1.7	2.6	1.7	843
	1150	323	258	7.5	4	8500	22700			800TDO1150-2		1	887	1113	3	6	0.37	1.8	2.7	1.8	1050
	1150	350	256	7.5	4	9350	24200			800TDO1150-3		1	836	1093	3	6	0.37	1.8	2.7	1.8	1119
	1280	375	330	9.5	5	11000	23800			800TDO1280-1		1	844	1207	4	8	0.39	1.74	2.59	1.7	1780
	1280	397	375	9.5	5	11800	26200			800TDO1280-2		1	844	1218	4	8	0.39	1.74	2.59	1.7	1910
	1280	397	375	9.5	5	11800	26200			800TDO1280-2		1	844	1218	4	8	0.39	1.74	2.59	1.7	1910
850	1120	266	190	6	2.5	6340	17100			850TDO1120-1		1	878	1080	2	5	0.46	1.47	2.19	1.44	641
	1120	268	188	6	2.5	6340	17100			3519/850		1	878	1080	5	2	0.46	1.47	2.19	1.44	645
	1220	272	239	7.5	4	7450	18800			850TDO1220-1		1	945	1155	3	6	0.37	1.8	2.7	1.8	988

Double-row Taper Roller Bearing with Double Inner Ring

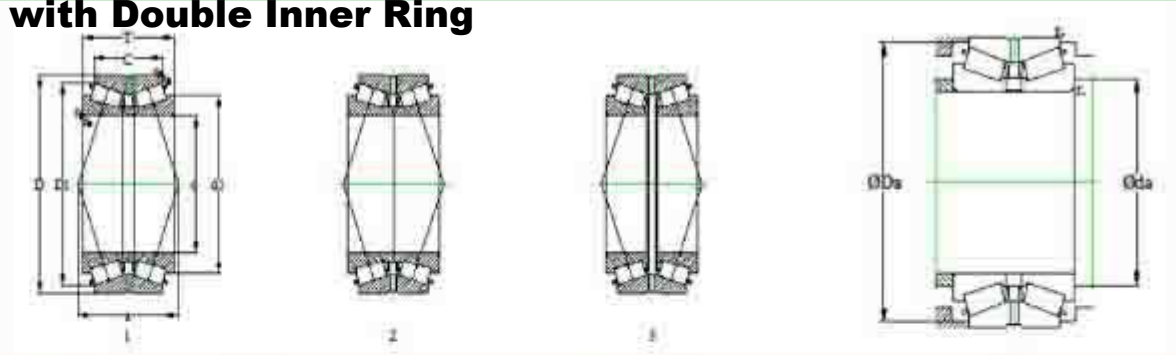
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基本尺寸(mm) Boundary Dimensions						基本额定载荷(kN) Basic Load Ratings		极限转速(rpm) Speed Ratings 脂润滑 油润滑 Grease Oil		轴承代号 Bearing Numbers 新型号 旧型号 New Old		结构 Design	相关安装尺寸 Abutment and Fillet Dimensions da min Da max rb max ra max				计算系数 Calculation Factors e Y1 Y2 Y0				质量(kg) Mass (参考) Refer.
d	D	T	C	r1.2min	r3.4min	Cr	Cor						da min	Da max	rb max	ra max	e	Y1	Y2	Y0	
850	1220	340	272	7.5	4	9850	25000			850TDO1220-1		1	937	1183	3	6	0.37	1.8	2.7	1.8	1240
	1250	360	235	7.5	4	8650	21300					1	949	1209	3	6	0.65	1	1.5	1	1320
	1360	400	352	SP	12	12400	27300					1	904	1284	10	SP	0.39	1.74	2.59	1.7	2170
	1360	500	400	SP	12	16000	37700					1	904	1287	10	SP	0.39	1.74	2.59	1.7	2710
870	1120	210	155	6	2.5	4800	13100			870TDO1120-1		1	929	1092	2	5	0.4	1.7	2.5	1.7	484
880	1080	200	140	6	2.5	4100	12900					1	935	1061	2	5	0.46	1.5	2.2	1.4	379
900	1180	275	205	6	2.5	6950	21300			3519/900	10979/900	1	995	1135	2	5	0.37	1.8	2.69	1.76	763
	1280	280	246	7.5	4	8150	20600					1	995	1210	3	6	0.37	1.8	2.7	1.8	1110
	1280	350	280	7.5	4	10100	26300					1	989	1240	3	6	0.39	1.7	2.6	1.7	1350
950	1250	272	174	7.5	4	6270	17500			950TDO1250-1		1	1010	1200	2.5	12	0.73	0.92	1.37	0.9	786
	1250	298	220	7.5	4	7660	21900					1	986	1190	2.5	6	0.33	2.03	3.02	1.98	896
	1280	280	246	7.5	4	7600	19800					1	1028	1250	3	6	0.4	1.7	2.5	1.6	971
	1360	300	264	7.5	4	9250	23700			950TDO1360-1		1	1055	1290	3	6	0.37	1.8	2.7	1.8	1360
	1360	375	300	7.5	4	11800	32500					1	1055	1300	3	6	0.37	1.8	2.7	1.8	1700
	1360	375	300	7.5	4	11600	29600					1	986	1297	3	6	0.39	1.74	2.59	1.7	1670
	1500	540	380	9.5	4	15500	44500					1	1120	1467	3	8	0.8	0.84	1.3	0.82	3510
980	1200	150	100	6	3	2580	8350			980TDO1200-1		1	1046	1177	2.5	5	0.68	0.99	1.5	0.97	341
1000	1180	240	190	6	1.5	5100	19700					1	1047	1160	1.5	5	0.32	2.1	3.2	2.1	451
1040	1290	350	270	6	2.5	8850	30000			1040TDO1290-1		1	1068	1260	2	5	0.4	1.7	2.5	1.6	976
1050	1390	300	215	7.5	4	8550	24300					1	1132	1352	3	6	0.37	1.8	2.7	1.8	1140
	1390	350	280	7.5	4	10100	29600					1	1134	1357	3	6	0.35	1.9	2.9	1.9	1360
1115	1460	300	220	5	2.5	8200	24000			1115TDO1460-1		1	1137	1397	2	4	0.47	1.4	2.1	1.4	1255
1120	1360	250	180	7.5	4	6050	20700					1	1185	1335	3	6	0.49	1.4	2	1.3	718
	1480	400	296	12	4	12730	36100					1	1185	1452	3	10	0.44	1.5	2.3	1.4	1760
	1460	335	250	7.5	3	9000	29500					1	1185	1394	3	6	0.35	1.93	2.87	1.88	1350
1150	1420	250	200	7.5	4	6100	19900			1150TDO1420-1		1	1223	1394	3	6	0.47	1.4	2.1	1.4	808

Double-row Taper Roller Bearing with Double Inner Ring

WSW



基本尺寸(mm) Boundary Dimensions						基本额定载荷(kN) Basic Load Ratings		极限转速(rpm) Speed Ratings 脂润滑 油润滑 Grease Oil		轴承代号 Bearing Numbers 新型号 旧型号 New Old		结构 Design	相关安装尺寸 Abutment and Fillet Dimensions da min Da max db max fa max				计算系数 Calculation Factors e Y1 Y2 Y0				质量(kg) Mass (参考) Refer.
d	D	T	C	r1.2min	r3.4min	Cr	Cor														
1160	1540	400	290	12	4	13490	36100			1160TDO1540-1		1	1238	1464	3	10	0.44	1.5	2.3	1.4	1900
1180	1600	390	250	7.5	4	12300	33700			1180TDO1600-1		1	1216	1540	3	6	0.7	0.97	1.44	0.94	2220
1250	1500	250	190	6	1.5	7000	21280			1250TDO1500-1		1	1284	1460	1.5	5	0.35	1.9	2.9	1.8	795
1370	1605	210	150	7.5	4	5600	20300			1370TDO1605-1		1	1430	1575	3	6	0.4	1.7	2.5	1.6	688
1400	1850	360	260	9.5	5	12300	36000			1400TDO1850-1		1	1509	1800	4	8	0.52	1.3	1.9	1.3	2410
1450	1900	460	280	9.5	2	15000	48000			1450TDO1900-1		1	1582	1868	2	8	0.83	0.81	1.2	0.79	3240

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