

WAFANGDIAN GUANGDA BEARING MANUFACTURING CO.,LTD.



**THE THRUST TAPERED 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

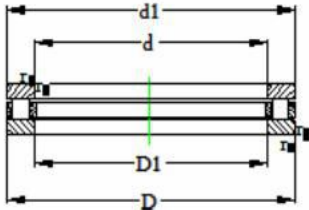
Special environment, and even in some aspects of development requirements, in this regard, **WSW** strengthen technology innovation and product development.

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.

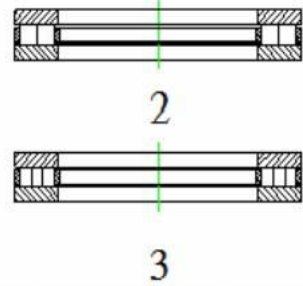
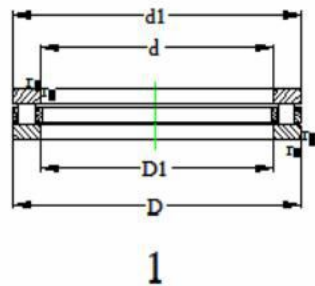
Thrust Cylindrical Roller Bearing

WSW

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基 本 尺 寸(mm) Boundary Dimensions						基本额定载荷(kN) Basic Load Ratings		最小负荷系数 Minimum Load Factor	轴 承 代 号 Bearing Numbers		结构 Design	质量(kg) Mass 参考 Refer.
d	D	H	r1.2min	d1	D1	Ca	Coa	A	新型号 New	旧型号 Old		
100	135	25	1	135	102	146	585	0.027	81120	9120	1	1.0
	150	38	1.1	150	103	224	830	0.055	81220	9220	1	2.2
	170	42	1.5	170	103	300	1370	0.15	89320	9549320	2	4.2
	210	50	3	210	103	540	2750	0.61	87420	7549420	3	9.0
	210	67	3	210	103	680	2800	0.63	89420	9549420	2	12
110	145	25	1	145	112	153	630	0.031	81122	9122	1	1.1
	160	38	1.1	160	113	240	915	0.066	81222	9222	1	2.45
	190	48	2	190	113	400	1830	0.27	89322	9549322	2	6.05
	230	54	3	230	113	640	3200	0.82	87422	7549422	3	11.5
	230	73	3	230	113	800	3350	0.90	89422	9549422	2	15.5
120	155	25	1	155	122	160	680	0.036	81124	9124	1	1.15
	170	39	1.1	170	123	245	965	0.074	81224	9224	1	2.7
	210	54	2.1	210	123	500	2280	0.42	89324	9549324	2	8.5
	250	58	4	250	123	765	4000	1.3	87424	7549424	3	15.0
	250	78	4	250	123	930	3900	1.2	89424	9549424	2	19.5
130	170	30	1	170	132	183	780	0.048	81126	9126	1	1.7
	190	45	1.5	187	133	335	1250	0.13	81226	9226	1	4.2
	225	58	2.1	225	134	560	2650	0.56	89326	9549326	2	10.0
	270	63	4	270	134	830	4400	1.5	87426	7549426	3	18.5
	270	85	4	270	134	1060	4500	1.6	89426	9549426	2	24.0
140	180	31	1	178	142	193	850	0.057	81128	9128	1	1.95
	200	46	1.5	197	143	360	1400	0.16	81228	9228	1	4.55
	240	60	2.1	240	144	640	3100	0.77	89328	9549328	2	12.0
	280	63	4	280	144	880	4800	1.8	87428	7549428	3	19.5
	280	85	4	280	144	1100	4800	1.8	89428	9549428	2	27.0
150	190	31	1	188	152	200	900	0.064	81130	9130	1	2.05
	215	50	1.5	212	153	465	1900	0.29	81230	9230	1	5.9

Thrust Cylindrical Roller Bearing

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基 本 尺 寸(mm) Boundary Dimensions						基本额定载荷(kN) Basic Load Ratings		最小负荷系数 Minimum Load Factor	轴 承 代 号 Bearing Numbers		结构 Design	质量(kg) Mass 参考 Refer.
d	D	H	r1.2min	d1	D1	Ca	Coa	A	新型号 New	旧型号 Old		
150	250	60	2.1	250	154	670	3250	0.85	89330	9549330	2	12.5
	300	67	4	300	154	1000	5400	2.3	87430	7549430	3	23.5
	300	90	4	300	154	1250	5600	2.5	89430	9549430	2	32.0
160	200	31	1	198	162	204	965	0.074	81132	9132	1	2.7
	225	51	1.5	222	163	480	2000	0.32	81232	9232	1	6.2
	270	67	3	270	164	780	3800	1.2	89332	9549332	2	16.5
170	320	73	5	320	164	1160	6400	3.3	87432	7549432	3	29.5
	320	95	5	320	164	1430	6400	3.3	89432	9549432	2	38.0
180	215	34	1.1	213	172	260	1180	0.11	81134	9134	1	2.95
	240	55	1.5	237	173	540	2280	0.42	81234	9234	1	7.7
	280	67	3	280	174	800	4000	1.3	89334	9549334	2	17.5
180	340	78	5	340	174	1290	7100	4	87434	7549434	3	35.5
	340	103	5	340	174	1600	7200	4.1	89434	9549434	2	47.0
180	225	34	1.1	222	183	270	1270	0.13	81136	9136	1	3.05
	250	56	1.5	247	183	550	2400	0.46	81236	9236	1	8.25
	300	73	5	300	184	1020	5000	2	89336	9549336	2	22.0
190	360	82	5	360	184	1500	8500	4.1	87436	7549436	3	42.5
	360	109	5	360	186	1900	7200	5.8	89436	9549436	1	56.5
190	240	37	1.1	237	193	310	1460	0.17	81138	9138	1	3.85
	270	62	2	267	194	695	2900	0.67	81238	9238	1	10.5
	320	78	4	320	195	1140	5600	2.5	89338	9549338	2	27.0
200	380	85	5	380	195	1600	9150	6.7	87438	7549438	3	48.5
	250	37	1.1	247	203	310	1500	0.18	81140	9140	1	4.0
	280	62	2	277	204	720	3100	0.77	81240	9240	1	12.0
200	340	85	4	340	205	1290	6400	3.3	89340	9549340	2	32.0
	400	90	5	400	205	1830	10400	8.7	87440	7549440	3	57.0
220	270	37	1.1	267	223	335	1700	0.23	81144	9144	1	4.5
	300	63	2	297	224	750	3350	0.90	81244	9244	1	13.0
	360	85	4	360	220	1210	5450	4.1	89344	9549344	2	36.9

Thrust Cylindrical Roller Bearing

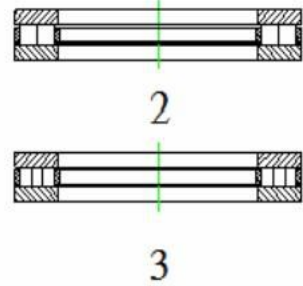
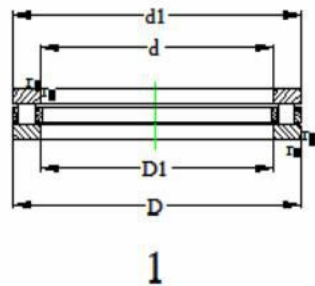
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基 本 尺 寸(mm) Boundary Dimensions						基本额定载荷(kN) Basic Load Ratings		最小负荷系数 Minimum Load Factor	轴 承 代 号 Bearing Numbers		结构 Design	质量(kg) Mass 参考 Refer.
d	D	H	r1.2min	d1	D1	Ca	Coa	A	新型号 New	旧型号 Old		
220	360	112	4	360	225	2450	8500	5.8	81344	9344	1	49.0
	420	112	6	420	225	2320	11200	10	89444	9549444	2	82.0
240	300	45	1.5	297	243	475	2450	0.48	81148	9148	1	7.25
	340	78	2.1	335	244	1100	4900	1.9	81248	9248	1	22.0
	380	85	4	380	240	1290	6100	5.8	89348	9549348	2	39.4
260	320	45	1.5	317	263	490	2600	0.54	81152	9152	1	7.85
	360	79	2.1	355	264	1140	5300	2.2	81252	9252	1	24.0
	420	95	1.1	420	260	1670	7700	8.7	89352	9549352	2	55.2
	480	132	6	480	265	2850	14300	16	89452	9549452	2	114
280	350	53	1.5	347	283	680	3550	1	81156	9156	1	10.5
	380	80	2	375	284	1160	5500	2.4	81256	9256	1	26.0
	440	95	5	438	282	1800	8650	8.7	89356	9549356	2	58.4
	520	190	6	520	286	3900	14600	17	81456	9456	1	195
300	380	48	2	377	303	640	3550	1	89160	9549160	1	13.5
	380	62	2	376	304	850	4400	1.5	81160	9160	1	16.5
	420	95	3	415	304	1530	7200	4.1	81260	9260	1	40.5
	480	109	5	480	300	2260	10500	6.7	89360	9549360	2	81.7
320	400	63	2	396	324	880	4650	1.7	81164	9164	1	18.0
	440	95	3	435	325	1560	7500	4.5	81264	9264	1	42.5
	500	109	5	500	325	2200	10400	6.7	89364	9549364	2	85.9
340	420	64	2	416	344	900	4900	1.9	81168	9168	1	19.5
	460	96	3	455	345	1630	8000	5.1	81268	9268	1	47.0
	540	122	5	540	345	2790	13300	8.7	89368	9549368	2	115
360	440	48	2	437	363	680	4150	1.4	89172	9549172	1	15.5
	440	65	2	436	364	900	4900	1.9	81172	9172	1	19.5
	500	110	4	495	365	2160	10400	8.7	81272	9272	1	65.5
	560	122	5	560	360	2870	14000	8.7	89372	9549372	2	120
380	460	48	2	457	383	710	4400	1.5	89176	9549176	1	16.5
	460	65	2	456	384	930	5300	2.2	81176	9176	1	22.0
	520	112	4	515	385	2200	10800	9.3	81276	9276	1	70.0

Thrust Cylindrical Roller Bearing

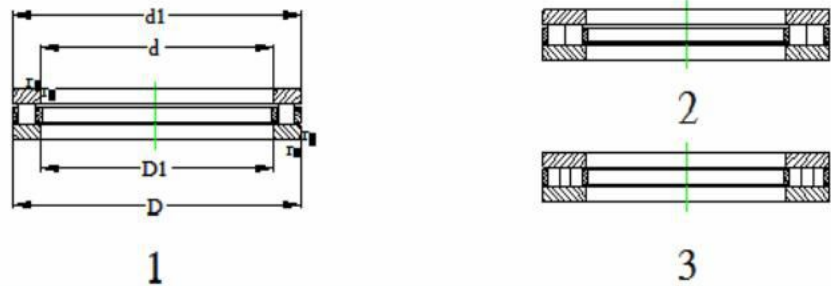
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基 本 尺 寸(mm) Boundary Dimensions						基本额定载荷(kN) Basic Load Ratings		最小负荷系数 Minimum Load Factor	轴 承 代 号 Bearing Numbers		结构 Design	质量(kg) Mass 参考 Refer.
d	D	H	r1.2min	d1	D1	Ca	Coa	A	新型号 New	旧型号 Old		
400	480	48	2	477	403	735	4650	1.7	89180	9549180	1	17.5
	480	65	2	476	404	965	5600	2.5	81180	9180	1	23.0
	540	112	4	535	405	2240	11200	10	81280	9280	1	73.0
	710	185	7.5	710	405	5700	31000	77	89480	9549480	1	350
420	500	48	2	497	423	765	4900	1.9	89184	9549184	1	18.0
	500	65	2	495	424	980	5850	2.7	81184	9184	1	24.0
	580	130	5	575	425	2850	14000	16	81284	9284	1	95.5
440	540	60	2.1	537	443	1040	6400	3.3	89188	9549188	1	30.0
	540	80	2.1	535	444	1430	8000	5.1	81188	9188	1	39.5
	600	130	5	595	445	2900	14600	17	81288	9288	1	110
460	560	60	2.1	557	463	1080	6700	3.6	89192	9549192	1	31.5
	560	80	2.1	555	464	1460	8500	5.8	81192	9192	1	41.0
	620	130	5	615	465	2700	13400	14	81292	9292	1	118
480	580	60	2.1	577	483	1100	6950	3.9	89196	9549196	1	32.5
	580	80	2.1	575	484	1460	8650	6	81196	9196	1	43.0
	650	135	5	645	485	3350	17000	23	81296	9296	1	128
500	600	60	2.1	597	503	1220	8150	5.3	891/500	95491/500	1	34.0
	600	80	2.1	595	505	1560	9300	6.9	811/500	91/500	1	44.0
	670	135	5	665	505	3400	17600	25	812/500	92/500	1	133
530	640	67	3	636	534	1370	8800	6.2	891/530	95491/530	1	44.0
	640	85	3	635	535	1730	10600	9	811/530	91/530	1	55.5
	710	140	5	705	535	3650	18600	28	812/530	92/530	1	154
560	670	67	3	666	564	1370	9150	6.7	891/560	95491/560	1	46.5
	670	85	3	665	565	1760	11100	9.7	811/560	91/560	1	58.0
	750	150	5	745	565	3800	20000	32	812/560	92/560	1	187
600	710	67	3	706	604	1430	9650	7.4	891/600	95491/600	1	49.5
	710	85	3	705	605	1800	11600	11	811/600	91/600	1	62.0
	800	160	5	795	605	4400	24000	46	812/600	92/600	1	240

Thrust Cylindrical Roller Bearing

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基 本 尺 寸(mm) Boundary Dimensions						基本额定载荷(kN) Basic Load Ratings		最小负荷系数 Minimum Load Factor	轴 承 代 号 Bearing Numbers		结构 Design	质量(kg) Mass
d	D	H	r1.2min	d1	D1	Ca	Coa	A	新型号 New	旧型号 Old		参考 Refer.
630	750	73	3	746	634	1630	11200	10	891/630	95491/630	1	62.0
	750	95	3	746	634	2160	13700	15	811/630	91/630	1	80.0
	850	175	6	842	638	4800	26000	54	812/630	92/630	1	295
670	800	78	4	795	675	2000	13400	14	891/670	95491/670	1	75.5
	800	105	4	795	675	2550	16300	21	811/670	91/670	1	110
	900	180	6	892	678	5700	30500	74	812/670	92/670	1	335
710	850	85	4	845	715	2200	15000	18	891/710	95491/710	1	95.0
	850	112	4	845	715	2900	18300	27	811/710	91/710	1	155
	950	190	6	942	718	5850	32000	82	812/710	92/710	1	395
750	900	90	4	895	755	2400	16600	22	891/750	95491/750	1	115
	900	120	4	895	755	3250	21200	36	811/750	91/750	1	155
	1000	195	6	992	758	6550	36000	100	812/750	92/750	1	445
800	950	90	4	945	805	2500	18000	26	891/800	95491/800	1	120
	950	120	4	945	805	3450	22000	39	811/800	91/800	1	165
	1060	205	7.5	1050	810	7350	40500	130	812/800	92/800	1	515
850	1000	90	4	995	955	2600	19000	29	891/850	95491/850	1	130
	1000	120	4	995	855	3450	23200	43	811/850	91/850	1	170
	1120	212	7.5	1110	860	8150	45500	170	812/850	92/850	1	580
900	1060	95	5	1055	905	3050	22000	39	891/900	95491/900	1	150
	1060	130	5	1054	906	4000	27000	58	811/900	91/900	1	210
	1180	220	7.5	1170	910	8500	49000	190	812/900	92/900	1	665
950	1120	103	5	1115	955	3450	25000	50	891/950	95491/950	1	185
	1120	135	5	1114	956	4400	30000	72	811/950	91/950	1	250
	1250	236	7.5	1240	960	10000	58500	270	812/950	92/950	1	805
1000	1090	70	2.1	1090	1003.5	1830	15300	19	810/1000	90/1000	1	68.0
	1180	109	5	1175	1005	3900	28500	65	891/1000	95491/1000	1	220
1000	1180	140	5	1174	1006	4750	32500	84	811/1000	91/1000	1	285
	1320	250	9.5	1308	1012	10200	60000	290	812/1000	92/1000	1	965

Thrust Cylindrical Roller Bearing

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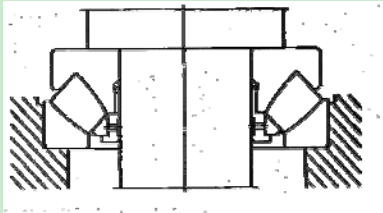
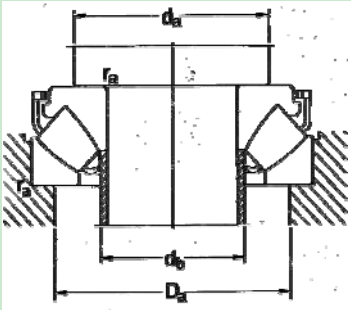
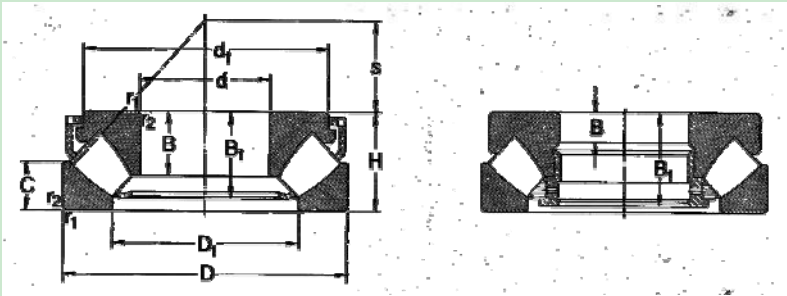
基 本 尺 寸(mm) Boundary Dimensions						基本额定载荷(kN) Basic Load Ratings		最小负荷系数 Minimum Load Factor	轴 承 代 号 Bearing Numbers		结 构 Design	质量(kg) Mass
d	D	H	r1,2min	d1	D1	Ca	Coa	A	新型号 New	旧型号 Old		参考 Refer.
1060	1250	115	5	1245	1065	4150	31000	77	891/1060	95491/1060	1	260
	1250	150	5	1244	1066	5300	36500	110	811/1060	91/1060	1	225
	1400	265	9.5	1388	1972	12000	71000	400	812/1060	92/1060	1	1150
1120	1320	122	5	1315	1125	4900	36500	110	891/1120	95491/1120	1	305
	1320	160	5	1314	1126	6000	41500	140	811/1120	91/1120	1	410

Thrust Spherical Roller Bearing



Thrust Spherical Roller Bearing

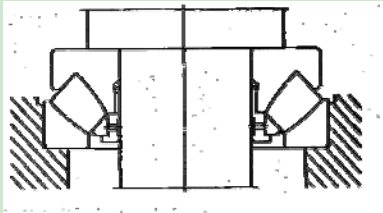
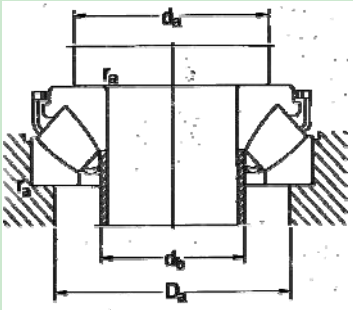
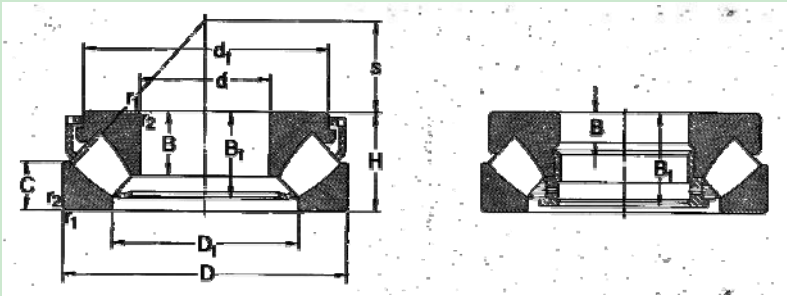
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基本尺寸(mm) Boundary Dimensions									基本额定载荷(kN) Basic Load Ratings		极限转速(rpm) Speed Ratings 脂润滑 油润滑 Grease Oil		轴承代号 Bearing Numbers 新代号 旧代号 New Old		相关安装尺寸(mm) Abutment and Fillet Dimensions da min Da max ra max			质量(kg) Mass 参考 Refer.
d	D	H	r1.2	d1	D1	B	C	S	Ca	Coa								
100	170	42	1.5	152	128	26.2	20.8	58	410	1280	1500	2000	29320	9039320	130	150	1.5	3.91
	210	67	3	190	146	45	32	62	590	860	1000	1400		9069420	150	175	2.5	10.5
	210	67	3	185	144	43	33	62	840	2400	1100	1600	29420	9039420	150	175	2.5	10.5
110	190	48	2	175	135	30	24	64	347	970	1100	1600		9069322				5.46
	190	48	2	175	143	16	23	64	530	1710	1300	1800	29322	9039322	145	165	2	6.94
	230	73	2	195	150	43	35	69	545	1497	950	1400		9069422				12.8
120	230	73	3	208	155.5	26	34.4	69	1010	2930	950	1400	29422	9039422	165	190	2.5	18.1
	210	54	2.5	188	161	34	30	57	380	680	1000	1600		9069324	160	181	2	6.88
	210	54	2.1	187.5	156.5	34	27	70	645	2100	1100	1600	29324	9039324	160	180	2	7.3
130	250	78	4	222	181	48	38	74	720	1100	750	1100		9069424	180	209	3	19.5
	250	78	4	222	172	50.5	37	74	1160	3400	900	1300	29424	9039424	180	205	3	17.1
	225	58	2.5	200	170	37	29	76	440	750	950	1500		9069326	175	194	2	8.26
140	225	58	2.1	200	166	36.5	28	76	740	2450	1000	1500	29326	9039326	170	195	2	8.48
	270	85	4	240	190	55	44	79	760	1100	700	1100		9069426	195	227	3	23.0
	270	85	4	246	183	31	39.7	81	1330	3900	850	1200	29426	9039426	195	225	3	28.3
150	240	60	2.1	216.5	179	38.5	30	82	840	2810	950	1400	29328	9039328	185	205	2	10.4
	280	85	4	247	203	55	47	64	825	1120	670	950		9069428	205	236	3	22.7
	280	85	4	244.5	195.5	54	42	86	1370	4200	850	1200	29428	9039428	205	235	3	22.2
160	215	39	1.5		177				351	1560		1800	29230	9039230				4.6
	250	60	2.1	220	185	36	31	87	525	1670		1200		9069330				10.2
	250	60	2.1	240	194	20	29	87	870	2900	950	1400	29330	9039330	195	215	2	11.5
170	300	90	4	270	220	60	48	69	995	1760	630	900		9069430	220	253	3	27.3
	300	90	4	266	206	58	44	92	1580	4900	800	1100	29430	9039430	220	250	3	27.9
180	225	39	1.5		188				362	1650		1700	29232	9039232				4.8
	270	67	3	240	200	45	32	92	610	2240		1100		9069332				13.5
	270	67	3	243	203	42	33	92	1010	3400	850	1200	29332	9039332	210	235	2.5	14.3

Thrust Spherical Roller Bearing

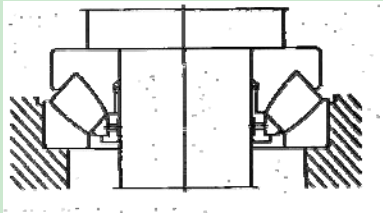
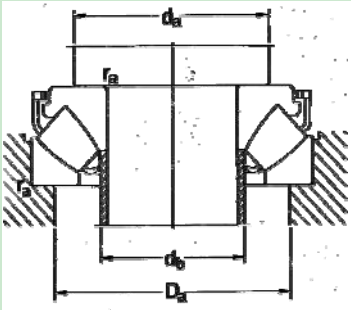
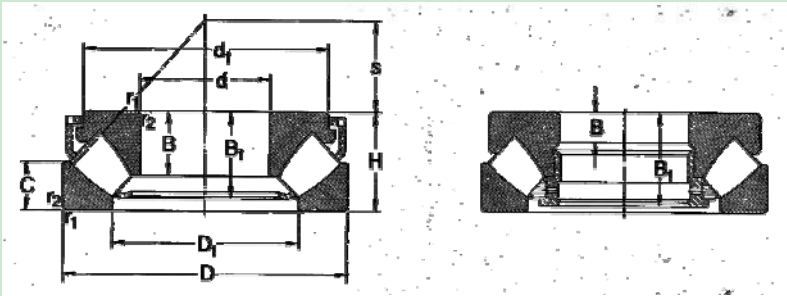
WSW



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 新代号 旧代号 New Old		相关安装尺寸(mm) Abutment and Fillet Dimensions da min Da max ra max			质量(kg) Mass 参考 Refer.
d	D	H	r1.2	d1	D1	B	C	S	Ca	Coa								
160	320	95	5	275	234	61	53	74	1000	1720	560	800			235	270	4	33.3
	320	95	5	285	218.5	34	46.9	99	1740	5400	750	1000	29432	9039432	230	265	4	32.8
170	240	42	1.5		201				408	1900		1600	29234	9039234				6.0
	280	67	3	260.3	216	43.5	31.7	96	1050	3500	850	1200	29334	9039334	220	245	2.5	15.7
	340	103	5	310	243	71	48	104	1210	2200	530	750		9069434	250	286	3	40.7
	340	103	5	302	235	65.5	50	104	1680	5800	700	950	29434	9039434	245	285	4	39.7
180	250	42	1.5	239	209	15	21.3	97	420	2010	900	1600	29236	9039236	215	227	1.5	7.05
	300	73	3	270	225	46	36	103	790	2731	630	900		9069336	235	262	2.5	18.3
	300	73	3	275	229	25	34.4	103	1230	4200	800	1100	29336	9039336	235	260	2.5	19.9
	360	109	5	308	265	67	58	82	1210	2200	550	750		9069436	265	304	4	42.3
	360	109	5	326	249.5	39	51.2	110	1870	6500	670	900	29436	9039436	265	304	4	64.2
190	270	48	2	250	224	30	24	110	420	1746		1000		9069238				8.0
	270	48	2	255	226		25.5	103	518	2200		1400	29238	9039238	225	243	2	8.7
	320	78	4	288.5	244	49	38	110	1370	4700	750	1000	29338	9039338	250	275	3	23.0
200	380	115	5	345	263	41	53.7	117	2100	7450	630	850	29438	9039438	275	320	4	75.6
	280	48	2	266	236	15	24	108	540	2310		1400	29240	9039240	235	255	2	8.5
	340	85	4									800		9069340				29.5
	340	85	4	306.5	257	53.5	41	116	1570	5450	700	950	29340	9039340	265	295	3	28.5
	400	122	5	360	278	62	62	122	1740	6054		710		9069440				60.6
	400	122	5	360	267.5	44	56.7	122	2290	8150	600	800	29440	9039440	290	335	4	83.5
220	300	48	6	286	260	31	24	117	504	1932	850	1300		9069244	260	273	5	8.0
	300	48	6	285	254	15	24	117	560	2500		1300	29244	9039244	260	275	5	9.2
	360	85	6	320	270	52	44	125	970	3768		800		9069344			5	32.5
	360	85	6	330	277.5	29	40.7	125	1340	5200	700	950	29344	9039344	285	315	5	28.6
240	420	122	6	400		78	59	142	1830	6624		710		9069444	335	378	5	74.5
	420	122	6	385	308	43	58	132	2350	8650	560	750	29444	9039444	310	355	5	74.0
	340	60	2.1	325	283	19	30	130	800	3450		1100	29248	9039248	285	305	2	16.5

Thrust Spherical Roller Bearing

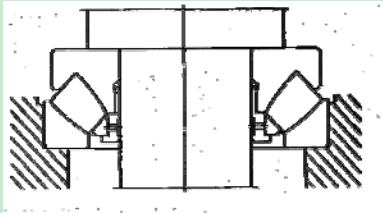
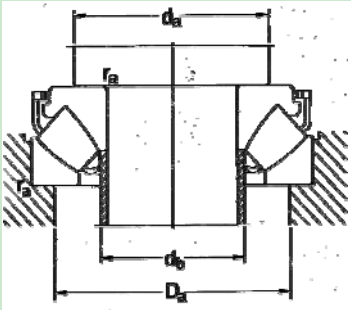
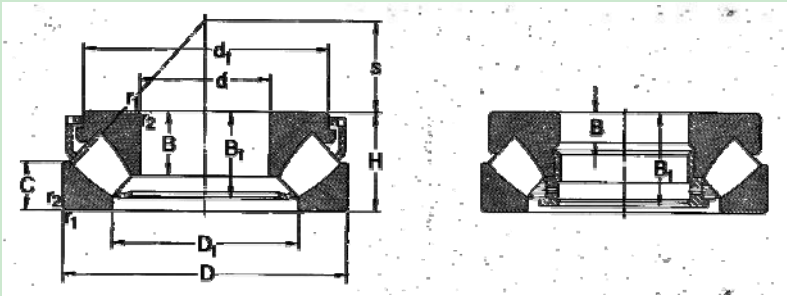
WSW



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 新代号 旧代号 New Old		相关安装尺寸(mm) Abutment and Fillet Dimensions da min Da max ra max			质量(kg) Mass 参考 Refer.
d	D	H	r1.2	d1	D1	B	C	S	Ca	Coa								
240	380	85	4	340	290	52	44	135	1320	4250		800						33.8
	380	85	4	360	298.5	29	41	135	1360	5400	670	900	29348	9039348	300	330	3	35.5
	440	122	6	380	310	62	62	142	1920	7160	550	750		9069448				74.5
	440	122	6	400	316	43	60	142	2420	9100	560	750	29448	9039448	330	375	5	96.1
260	360	60	2.1	335	302	38	30	139	645	2880	530	750		9069252	310	326	2	15.7
	360	60	2.1	345	302	19	30	139	855	3850		1100	29252	9039252	305	325	2	18.0
	420	95	5	370	315	60	46	148	1420	5850		710		9069352				45.6
	420	95	5	392.3	327.5	70.9	46	148	1700	7500	600	800	29352	9039352	330	365	4	50.2
280	480	132	6	415	335	80	66	154	2120	8220		630		9069452				91.8
	480	132	6	445	346	86	63	154	2820	10700	500	670	29452	9039452	360	405	5	101.5
	380	60	2.1	365	323	19	30	150	885	4100	700	1000	29256	9039256	325	345	2	21.7
	440	95	5	413	348	64	46	158	1560	6120	530	750		9069356	355	390	4	49.1
	440	95	5	410	348	32	46	158	1830	7650	600	800	29356	9039356	350	390	4	52.2
	520	145	6	450	365	75	72	166	2600	9860		630		9069456				115
	520	145	6	480	384	104	68	160	3400	13100	480	630	29456	9039456	390	440	5	134
	420	73	3	400	353	21	38	162	1160	5150		900	29260	9039260	355	380	2.5	30.0
300	480	109	5	425	365	58	52	168	1870	7650		630		9069360				61.4
	480	109	5	450	379	37	50	168	2190	9100	530	700	29360	9039360	380	420	4	74.0
	540	145	6	500	402	52	70	175	3500	13700	450	600	29460	9039460	410	460	5	140.0
	440	73	3	420	372	21	38	172	1190	5450		850	29264	9039264	375	400	2.5	32.5
320	500	109	5	445	385	68	55	180	2030	7960		560		9069364				73.4
	500	109	5	463	394	83.4	52.3	180	2230	9400	500	670	29364	9039364	400	440	4	75.7
	580	155	7.5	500	410	95	75	191	2930	11660				9069464				171
	580	155	7.5	555	436	108	75	191	3650	14600	430	560	29464	9039464	435	495	6	178
340	340	73	3	438	388	48	36	204	1150	2550	530	750		9069268	400	422	2.5	31.4
	460	73	3	440	395	21	37	183	1230	5750		850	29268	9039268	395	420	2.5	33.5
	540	122	5	480	410	74	62	192	2710	11000				9069368				94.9

Thrust Spherical Roller Bearing

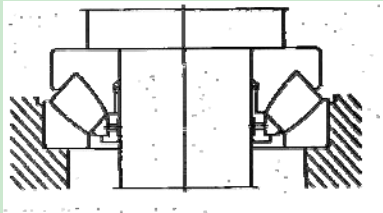
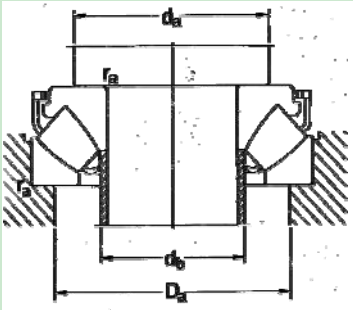
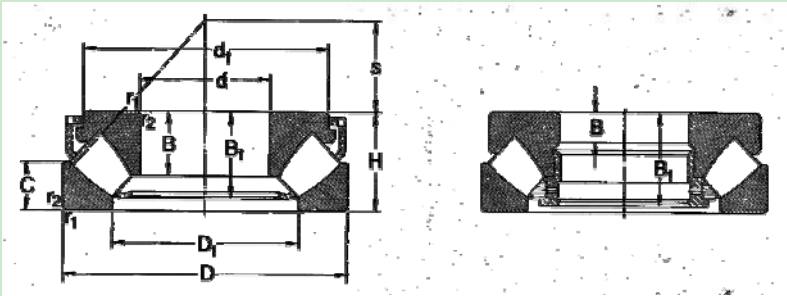
WSW



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 新代号 旧代号 New Old		相关安装尺寸(mm) Abutment and Fillet Dimensions da min Da max ra max			质量(kg) Mass 参考 Refer.
d	D	H	r1.2	d1	D1	B	C	S	Ca	Coa								
340	540	122	5	510	428	41	59	192	2640	11200	380	600	29368	9039368	430	470	4	103
	620	170	7.5	560	449.5	61	80	201	4400	17400		500	29468	9039468	465	530	6	218
360	500	85	4	480	423	25	44	194	1550	7300		750	29272	9039272	420	455	3	51
	560	122	5	525	448	41	59	202	2670	11500		600	29372	9039372	450	495	4	107
	640	170	7.5	555	460	87	85	210	3790	15440		450		9069472				199
	640	170	7.5	580	474	63	83.5	210	5200	21000		500	29472	9039472	485	550	6	230
380	520	85	4	496	441	27	42	202	1620	7800		700	29276	9039276	440	475	3	52
	600	132	6	561	475	44	61.4	216	3300	14200		530	29376	9039376	480	525	5	129
	670	175	7.5	610	494	120	87.5	222	5800	24000		480	29476	9039476	510	575	6	260
400	540	85	4	500	450	55	42	212	1260	7060	500	700		9069280				49
	540	85	4	510	460	27	42	212	1640	8000			29280	9039280	460	490	3	65
	620	132	6	555	475	81	65	225	2860	12200				9069380				134
	620	132	6	582	489	44	64.7	225	3250	14500		620	29380	9039380	500	550	5	153
	710	185	7.5	659	547	112	96	236	4450	19200				9069480				272
420	710	185	7.5	645	525	67	89.5	234	6350	26100		450	29480	9039480	540	610	6	310
	580	95	5	548	489	62	46	251	1880	5300		560		9069284				78.9
	580	95	5	553	489	30	46	225	2010	9800		630	29284	9039284	490	525	4	72.0
	650	140	6	610	514.5	48	68	235	3600	16000		600	29384	9039384	525	575	5	175
440	730	185	7.5	665	545	67	90.5	244	6650	27500		430	29484	9039484	560	630	6	323
	600	95	5	575	508	30	49	235	2030	10100		630	29288	9039288	510	545	4	77
	680	145	6	626	540	49	70.5	245	4250	16700		480	29388	9039388	550	600	5	180
	780	206	9.5	710	577	74	101	260	7550	32000		380	29488	9039488	595	670	8	410
	780	206	9.5	660	588	110	100	260	7880	34000			29488/HV		595	670	8	346.6
460	620	95	5	590	525.5	30	49.4	245	2060	10300	400	600	29292	9039292	530	570	4	75
	710	150	6	666	567	51	72	257	4100	18400		450	29392	9039392	575	630	5	210
	800	206	9.5	765	608	74	100	272	6900	28300		380	29492	9039492	615	690	8	420
480	650	103	5	600	540	65	50	259	1950	10500				9069296				89.4

Thrust Spherical Roller Bearing

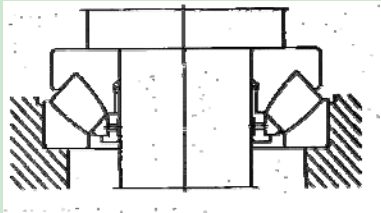
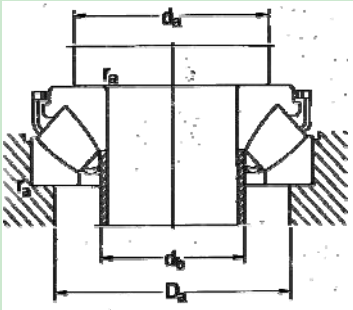
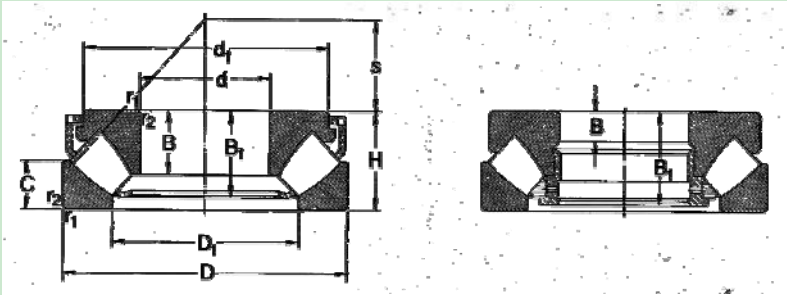
WSW



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 新代号 旧代号 New Old		相关安装尺寸(mm) Abutment and Fillet Dimensions da min Da max ra max			质量(kg) Mass 参考 Refer.					
d	D	H	r1.2	d1	D1	B	C	S	Ca	Coa													
480	650	103	5	624	556	33	55	259	2370	12100		560	29296	9039296	555	595	4	97					
	730	150	6	690	590	51	72	270	4150	19000		450	29396	9039396	595	650	5	215					
	850	224	9.5	810	638	81	108	280	7200	31000		340	29496	9039496	645	730	8	545					
500	670	103	5	620	560	60	50	268	2050	1080	380	560	292/500	90692/500	575	615	4	92					
	670	103	5	645	574	33	55	268	2390	12400				90392/500				100					
	750	150	6	705	611	98	71	280	3550	1720				90693/500				211					
530	750	150	6	715	611	51	74	280	4350	20400	340	520	293/500	90393/500	615	670	5	220					
	870	224	9.5	760	630	140	110	290	6290	27340				90694/500				520					
	870	224	9.5	790	648	81	107	290	7850	33000				320				460	294/500	90394/500	670	750	8
560	710	109	5								350	530	292/530	90692/530	620	655	4	117					
	710	109	5	680	604	69.5	54	288	2620	15300				90392/530				118					
	800	160	7.5	760	648	54	76	295	5050	23300				400				293/530	90393/530	655	710	6	284
560	920	236	9.5	840	700	145	116	309	8386	32600	320	300	294/530	90694/530	715	790	8	573					
	920	236	9.5	880	696	85	114	310	8550	37000				90394/530				660					
560	750	115	5	695	625	72	58	300	2430	13300	360	480	292/560	90692/560	655	685	4	127					
	750	115	5	732	644	37	61	302	2990	17900				90392/560				140					
	850	175	7.5	810	687	59	85	310	5700	26700				360				360	293/560	90393/560	695	750	6
600	980	250	12	935	744	91	124	325	9600	42000	300	300	294/560	90394/560	755	835	10	800					
	980	250	12	830	727	142	122	328	12000	51000				294/560/HV				674					
630	800	122	5	772	688	39	58	321	3300	17800	450	340	292/600	90392/600	690	735	4	169.0					
	900	180	7.5	840	720	65	89	340	6330	33700				90393/600				400					
	1030	258	12	900	750	156	130	360	9860	38500				280				294/600	90694/600	800	885	10	700
630	1030	258	12	985	780	93	127	345	10100	43000	300	300	292/630	90692/630	740	780	5	188					
	850	132	6	800	728	86	65	338	3450	19800				400				292/630	90392/630	740	780	5	210
	850	132	6	810	723	50	62	338	4770	24200				320				293/630	90393/630	795	860	8	485
630	950	190	9.5	880	761	68	92	359	8450	40300	260	260	294/630	90394/630	845	935	10	1100					
	1090	280	12	1040	830	100	136	365	11600	51500				294/630EM				989					
	1090	280	12	995	815	179	137	365															

Thrust Spherical Roller Bearing

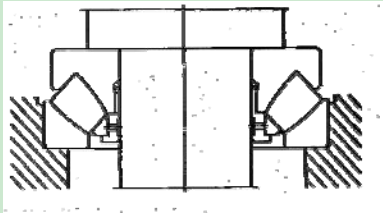
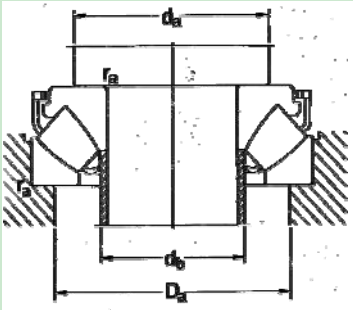
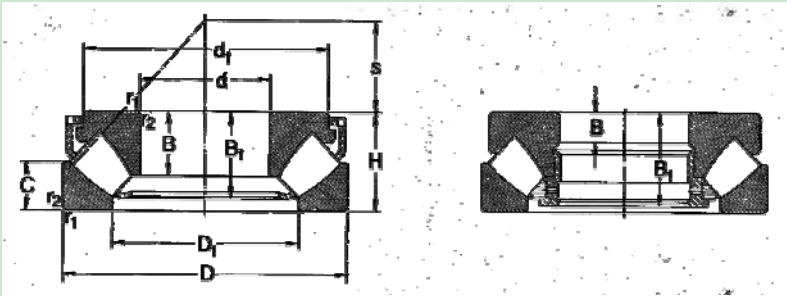
WSW



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 新代号 旧代号 New Old		相关安装尺寸(mm) Abutment and Fillet Dimensions da min Da max ra max			质量(kg) Mass 参考 Refer.
d	D	H	r1.2	d1	D1	B	C	S	Ca	Coa								
670	900	140	6	830	750	86	70	365	3670	20280	380		292/670	90692/670 90392/670	790	825	5	218 255
	900	140	6	880	773	45	73	361	4200	25500								
670	1000	200	9.5	935	804	73	98	379	7360	39600	300		293/670 294/670	90393/670 90394/670	840	900	8	545 1250
	1150	290	15	1090	870	105	140	385	12500	56000								
710	950	145	6	895	805	92	75	380	3600	12000	240		292/710 293/710 294/710	90692/710 90392/710 90393/710 90394/710	820	880	5	279 290 660 1500
	950	145	6	900	815	46	71	380	5230	27500								
	1060	212	9.5	985	855	74	103	404	9950	45500								
	1220	308	15	1160	920	132	148	407	14300	65500								
750	1000	150	6	950	858	52	74	409	5870	33700			292/750 293/750	90392/750 90393/750 90694/750	880	925	5	325 770 1340
	1120	224	9.5	1086	910	76	109	415	9370	51000								
	1280	315	15	1152	972	160	158	448	14340	58600								
800	1280	315	15	1220	970	128	152	429	15100	69000			294/750	90394/750	995	1105	12	1680
	1060	155	7.5	985	890	80	80	475	5635	28870								
	1060	155	7.5	1010	907.5	50	80	426	6350	33700								
	1180	230	9.5	1146	965	78	111	440	9950	56100								
	1360	335	15	1300	1030	121	162	445	16600	77500								
	1360	335	15	1160	1034	185	165	462	20200	93000								
850	1120	160	7.5	1060	967	47	82	455	6730	37400			292/850 293/850 294/850	90392/850 90393/850 90394/850	980	1030	6	425 1000 2350
	1250	243	12	1250	1024				11100	61600								
	1440	354	15		1034	142	172	507	18700	99000								
900	1180	170	7.5		1023				6330	40900			292/900 294/900	90392/900 90394/900	1190	1315	12	2760
	1520	372	15	1450	1164	135	185	520	22200	121000								
950	1250	180	7.5	1185	1081	58	88	507	8280	46600			292/950 294/950	90392/950 90394/950	1095	1155	6	600 3065
	1600	390	15	1470	1209	153	191	546	28200	13200								
1000	1320	190	9.5		1139				7990	52800			292/1000 293/1000	90392/1000 90393/1000	1245	1330	10	710 1550
	1460	276	12	1365	1192	100	137	561	14400	82500								

Thrust Spherical Roller Bearing

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 新代号 旧代号 New Old		相关安装尺寸(mm) Abutment and Fillet Dimensions da min Da max ra max			质量(kg) Mass 参考 Refer.
d	D	H	r1.2	d1	D1	B	C	S	Ca	Coa								
1060	1400	206	9.5	1300	1180	128	103	566	7800	48000				90692/1060				824
	1400	206	9.5	1335	1208	66	100	566	10500	59400			292/1060	90392/1060	1225	1290	8	767
1180	1520	206	9.5	1450	1331	83	101	625	10900	64000			292/1180	90392/1180	1345	1410	8	950
1250	1800	330	12	1685	1474	147	161	698	24800	129000			293/1250	9039/1250	1540	1640	10	2770
1600	2280	408	19	2130	1885	166	195	894	36800	200000			293/1600	9039/1600	1955	2090	15	5375

Product Characteristics

The tapered rollers (with larger spherical end) of these bearings are guided precisely by the integral flanges of the washers (shaft washer and housing washer) with raceways.

When extended, the design makes the tapered raceway surfaces of the shaft washer and housing washer and the sliding surface of the rollers converge towards to the same single point of the bearing axle line.

Single direction bearings can carry axial load in one direction.

Double direction bearings can carry axial load in two direction.

The middle washer of double direction bearings is connected with the shaft, but due to the clearance inside, a sleeve must be used to fix the middle washer in the axial direction.

The thrust tapered roller bearings with housing can avoid dirt entering and roller falling. As without cage, more rollers can be putted in, therefore the bearings can carry bigger axial load, but due to lower limit rotation speed, they can only carry axial load in one direction.



Applications of tapered roller thrust bearings

Single direction bearings: shaft washer is same as housing washer (all with ribs), suitable for radial direction fixing, are mainly found in crane hooks and rotating platforms of oil drillings etc.

Full rollers bearings are used when axial load is bigger.

During rotation, little shaft eccentric can be allowed for the bearings with plane housing washer raceway.

Double direction bearings: in the mill roll necks.

Types of bearing

- Single-direction thrust tapered roller bearings
- Double-direction thrust tapered roller bearings
- Thrust tapered roller bearings with housing

Dimension scope

Bore diameter scope: 50mm-670mm
Outer diameter scope: 85mm-900mm
Width scope: 22mm-230mm

Tolerance

The tolerance of **WSW** thrust tapered roller bearings are standardized in GB307.4. The clearance dimensions can be found in preface form. **WSW** can supply bearings with P0, P6 and P5 classes.

Cage

WSW tapered roller thrust bearings generally use brass cages and other machined cages. When they use brass cages, there is no suffix in the bearing code; when they use other cages, there is relative suffix in the bearing code.

Axial equivalent dynamic load rating

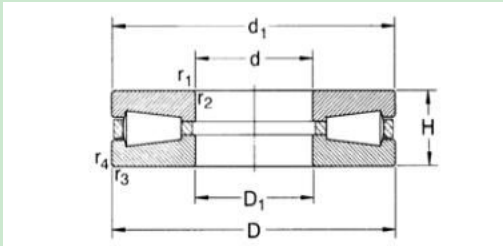
$$P_a = F_a$$

Axial equivalent static load rating

$$P_{0a} = F_a$$

Thrust Taper Roller Bearing

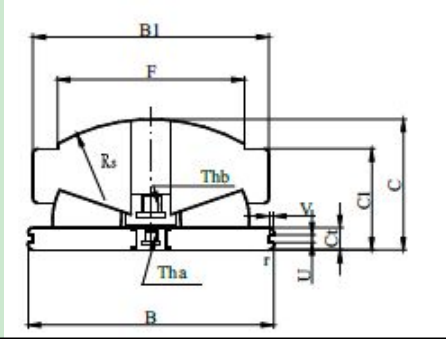
WSW



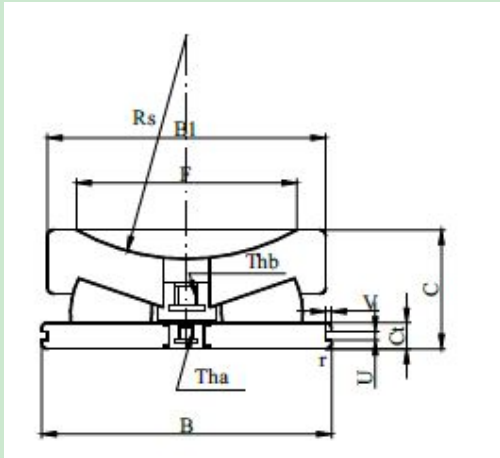
基本尺寸(mm) Boundary Dimensions							基本额定载荷(kN) Basic Load Ratings		轴承代号 Bearing Numbers		质量(kg) Mass
d	D	H	d _i	D _i	r _{1.2min}	r _{3.4min}	Ca	Coa	新代号 New	旧代号 Old	参考 Refer.
170	340	103	174	335	5	5	1520	2630	99434	9019434	58
260	480	132	265	475	6	6	2540	11300	99452	9019452	111
280	520	145	285	515	6	6	2930	13300	99456	9019456	143.8
320	580	155	325	575	7.5	7.5	3700	17500	99464	9019464	194
380	670	175	385	665	7.5	7.5	5040	10400	99476	9019476	254

BEARING SCREWDOWN





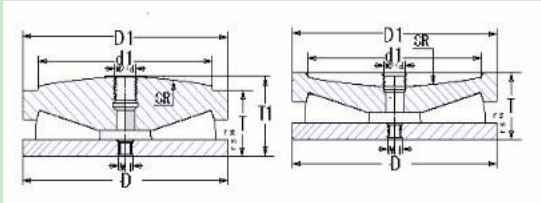
外形尺寸 Mm Boundary Dimensions				基本载荷 KN Basic Load Ratings	轴承代号 Bearing Numbers	参考国外轴承代号 Reference Models Abroad		其它尺寸 Other Size mm								参考重量 Mass Kg
B	B ₁	F	C	Coa		NSK	FAG	t	r _{min}	U	V	Tha	Thb	C1	Rs	
149.225	146.860	127.000	54.97	2520	TTSX150/X1	149TFX01	536626	12.70	1.6	4.8	1.2	M12	—	47.62	452.7	6.65
174.625	172.260	152.400	61.39	3650	TTSX175/X1	174TFX01	537778	12.70	1.6	4.8	1.2	M12	M18	52.37	457.2	10.1
203.200	200.840	177.800	75.62	4850	TTSX205/X1	203TFX01		15.88	1.6	6.3	1.2	M12	M18	65.07	508.0	16.8
220.000	220.000	195.000	78.00	6100	TTSX220/X1	220TFX01		15.88	1.5	6.3	1.2	M12	—	66.00	550.0	20.3
266.700	264.340	228.600	94.41	8350	TTSX265/X1	266TFX01		19.05	1.6	7.9	2	M20	—	81.00	609.6	36.2
320.675	318.310	279.400	110.97	12600	TTSX320/X1	320TFX01		22.22	1.5	10.3	2.4	M24	—	95.25	762.0	61.5
377.825	375.460	330.200	129.01	17700	TTSX380/X1	377TFX01		25.40	1.5	10.3	2.4	M24	M30	111.12	914.4	98.7
404.400	407.210	355.600	142.23	20500	TTSX405/X1	407TFX01		28.57	3.3	—	—	M24	M30	122.22	1016.0	127
409.575	407.210	355.600	142.23	20500	TTSX410/X1	409TFX01		28.57	3.3	9.5	2.5	M24	M30	122.22	1016.0	128
438.150	435.790	381.000	150.67	22200	TTSX440/X1	438TFX01		31.75	3.2	13.5	3.2	M24	M36	130.18	1016.0	155
495.300	492.940	431.800	170.61	31500	TTSX495/X1	495TFX01		34.92	3.3	13.5	3.2	M24	M30	146.05	1066.8	225
523.875	521.520	457.200	176.66	34500	TTSX525/X1	523TFX01		34.92	3.3	13.5	3.2	M24	M36	153.29	1270.0	261
533.400	531.010	457.000	177.80	34500	TTSX535/X1	533TFX01		31.75	1.6	9.5	9.5	M24	M36	161.92	1981.2	273
555.625	553.260	482.600	191.15	38000	TTSX555/X1	555TFX01	524340	38.10	3.3	12.7	3.2	M24	—	165.10	1270.0	318
581.025	578.660	508.000	193.78	41500	TTSX580/X1	581TFX01		38.10	3.3	13.5	3.2	M24	M42	168.28	1422.4	353
	578.660	508.000	196.65	41500	TTSX580/X2	581TFX02		38.10	3.3	13.5	3.2	8UNC	7UNC	168.28	1308.1	358
609.600	607.240	533.400	204.01	47000	TTSX610/X1	609TFX01		38.10	3.3	13.5	3.2	M30	M42	177.80	1524.0	409
641.350	638.990	558.800	212.67	51500	TTSX640/X1	641TFX01	526198	38.10	3.3	13.5	3.2	M24	M42	184.15	1524.0	472
692.150	689.750	495.300	311.45	59500	TTSX695/X1	692TFX01		38.10	3.0	13.5	3.2	M24	M42	280.00	1803.4	805
710.000	710.000	480.000	260.00	54500	TTSX710/X1	710TFX01		40.00	4.0	—	—	M24	M24	235.00	1400.0	706
800.000	800.000	700.000	250.00	71500	TTSX800/X1	800TFX01		43.00	7.0	—	—	M36	M48	206.00	1524.0	857
847.600	841.000	650.000	250.00	79000	TTSX850/X1	847TFX01		43.00	5.0	—	—	M42	M42	212.00	1652.0	966
900.000	930.000	750.000	275.00	93000	TTSX900/X1	930TFX01		60.00	4.0	—	—	M36	M48	231.00	1800.0	1270



外形尺寸 mm Boundary Dimensions				基本载荷 KN Basic Load Ratings	轴承代号 Bearing Numbers	参考国外轴承代号 Reference Models Abroad		其它尺寸 Other Size mm						参考重量 Mass Kg	
B	B ₁	F	C	Coa		NSK	FAG	t	r _{min}	U	V	Tha	Thb	Rs	
149.225	146.860	127.000	47.62	2520	TTSV150/X1	149TFV01		12.70	1.6	4.8	1.2	M12	—	228.60	5.64
174.625	172.260	152.400	52.37	3650	TTSV175/X1			12.70	1.6	4.8	1.2	M12	M18	228.60	10.3
203.200	200.800	177.800	65.07	4850	TTSV205/X1	203TFV01	536716	15.88	1.6	6.3	1.2	M12	M18	254.00	14.3
266.700	264.340	228.600	81.00	8400	TTSV265/X1	266TFV01	524088	19.05	1.6	7.9	2.0	M20	—	304.80	30.8
	264.340	228.600	86.37	8350	TTSV265/X2	266TFV02		19.05	1.6	7.9	2.0	M20	—	250.00	35.5
320.675	318.310	279.400	95.25	12600	TTSV320/X1	320TFV01		22.22	1.5	10.3	2.4	M24	—	381.00	52.3
377.825	375.460	330.200	111.12	17700	TTSV375/X1	377TFV01	524578	25.40	1.5	10.3	2.4	M24	M30	457.20	84.7
409.575	407.210	355.600	122.22	20500	TTSV410/X1	409TFV01	559632	28.58	3.2	10.3	2.4	M24	M30	508.00	109
438.150	435.790	381.000	130.18	22200	TTSV440/X1	438TFV01		31.75	3.2	13.5	3.2	M24	M36	508.00	133
495.300	492.940	431.800	146.05	31500	TTSV495/X1	495TFV01		34.92	3.3	13.5	3.2	M24	M36	558.80	191
508.000	501.650	341.300	165.10	31000	TTSV510/X1	508TFV01		34.92	3.2	12.7	3.2	M24	M36	508.00	228
523.875	521.510	457.200	152.40	34500	TTSV525/X1	523TFV01	524105	34.92	3.2	13.5	3.2	M24	M36	635.00	223
551.600	539.750	435.500	158.75	35000	TTSV550/X1	551TFV01		24.65	4.0	10.6	2.5	M24	M24	635.00	258
554.000	555.000	414.000	190.50	38000	TTSV550/X2	554TFV01		50.00	3.0	9.5	6.0	M24	—	1270.00	312
	555.000	465.400	190.50	38000	TTSV550/X3	554TFV01A		50.00	3.0	—	—	M24	M42	1270.00	312
555.625	553.260	482.600	165.10	38000	TTSV555/X1	555TFV01	527795	38.10	3.2	13.5	3.2	M24	M36	635.00	272
581.025	578.660	508.000	168.28	41500	TTSV580/X1	581TFV01		38.10	3.2	13.5	3.2	M24	M42	711.20	303
609.600	607.240	533.400	177.80	47000	TTSV610/X1	609TFV01		38.10	3.3	13.5	3.2	M30	M42	762.00	353
641.350	638.990	558.800	184.15	51500	TTSV640/X1	641TFV01		38.10	3.2	13.5	3.2	M24	M42	762.00	405
880.000	930.000	627.000	234.95	93000	TTSV880/X1	930TFV01		50.00	4.0	—	—	M42	M42	1524.00	1090

Full Complement Taper Roller Bearing for Screw Down Mechanism of Rolling Mill

WSW

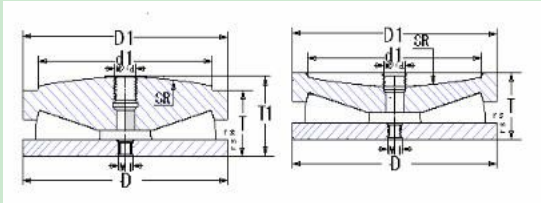


TTSX000型(439000型) TTSV000型(429000型)

基 本 尺 寸(mm) Boundary Dimensions									基本额定载荷(kN) Basic Load Ratings	轴 承 代 号 Bearing Numbers		质量(kg) Mass 参考 Refer.
D	D ₁	d ₁	T	T ₁	SR	r _{smin}	M ₁	M ₂ (d)	Coa	TTSV型	TTSX型	
TTSV型 TTSX型												
150	148	127	48		228.6	1.5	M12	20	2320	TTSV150		5.47
	148	127	48	55	457.2	1.5	M12	20	2320		TTSX150	6.3
175	173	152	53		228.6	1.5	M12	20	3200	TTSV175		7.92
	173	152	53	62	457.2	1.5	M12	20	3200		TTSX175	9.6
205	203	178	65		254	1.5	M20	26	4550	TTSV205		14.3
	203	178	65	76	508	1.5	M20	26	4550		TTSX205	16.2
265	263	229	81		304.8	1.5	M20	26	7700	TTSV265		33.6
	263	229	81	95	609	1.5	M20	26	7700		TTSX265	35.5
320	318	280	95		380	1.5	M24	M30	11460	TTSV320		42.5
	318	280	95	112	762	1.5	M24	M30	11460		TTSX320	58.9
380	378	330	112		457.2	1.5	M24	M30	17100	TTSV380		96
	378	330	112	129	914.4	1.5	M24	M30	17100		TTSX380	116
410	408	355	122		508	3	M24	M30	20000	TTSV410		125
	408	355	122	142	1016	3	M24	M30	20000		TTSX410	155
440	438	380	130		508	3	M24	M36	23000	TTSV440		170
	438	380	130	152	1016	3	M24	M36	23000		TTSX440	191
495	492	432	146		558.8	3	M24	M36	30000	TTSV495		205
	492	432	146	172	1066.8	3	M24	M36	30000		TTSX495	229
508	504.825	440		177.419	1143	2.5	M24	M36	31000		TTSX508	225
525	522	460	155		635	3	M24	M36	35800	TTSV525		203
	522	460	155	180	1270	3	M24	M36	35800		TTSX525	248
554	555	414	190.5		1270	3	M24	M42	37500	TTSV554		312
	555	465.4	190.5		1270	3	M24	M42	37500	TTSV554A		312
555	552	482	165		635	3	M24	M36	37500	TTSV555		300
	552	482	165	192	1270	3	M24	M36	37500		TTSX555	345
580	577	510	165		710	3	M24	M42	38500	TTSV580		240

Full Complement Taper Roller Bearing for Screw Down Mechanism of Rolling Mill

WSW



TTSX000型(439000型) TTSV000型(429000型)

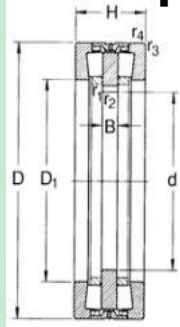
基 本 尺 寸(mm) Boundary Dimensions										基本额定载荷(kN) Basic Load Ratings	轴 承 代 号 Bearing Numbers		质量(kg) Mass
D	D1	d1	T	T1	SR	rsm	M1	M2(d)		Coa	TTSV型	TTSX型	参考 Refer.
TTSV型 TTSX型													
610	577	510	165	195	1422.4	3	M24	M42	38500		TTSX580		305
	607	533	178	205	762	3	M30	M42	44500	TTSV610	TTSX610		400
640	607	533	178	205	1524	3	M30	M42	44500				443
	637	550	185	214.8	762	3	M30	M42	47500	TTSV640	TTSX640		410
710	637	550	185	214.8	1524	3	M30	M43	47500				440
	705	610	235	250	1600	4	M30	M42	62500		TTSX710		697
750	745	650	240	260	1600	4	M30	M48	63400		TTSX750		740
800	800	700	206	250	1524	7	M36	M48	71500		TTSX800		857
900	930	750	231	275	1800	4	M36	M48	93000		TTSX900		1270
920	920	830		280	2300	7.5	M36	M48	93000		TTSX920		1180

Thrust Taper Roller Bearing



Double-direction Thrust Taper Roller Bearing

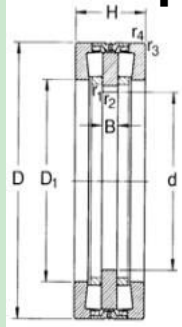
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基本尺寸(mm) Boundary Dimensions					基本额定载荷(kN) Basic Load Ratings		轴承代号 Bearing Numbers		相关安装尺寸(mm) Abutment and Fillet Dimensions			质量(kg) Mass 参考 Refer.	相当于国外轴承代号 Reference Models Abroad				
d	D	H	r 1,2	r 3,4	Ca	Coa	新代号 New	旧代号 Old	B	D1	da		SKF	FAG	NSK	NTN	KOYO
120	250	95	1	3	640		512250Y		20	145	144	21.9			120TFD2501		
130	280	125	1	3	1020		513280Y		30	163	150	36.8			130TFD2801		
160	225	78	1	2	325		516225Y		18	175	169	9.3			160TFD2201		
	300	110	1	2	825	3000	515805	829232	34	190	186	3.5		515805			
170	240	84	1	2	320	1200	528974	829234	20	184	182	12.5	350980C	528974	170TFD2401	CRTD3401	2THR342408A
180	280	90	1	2	560	2340	528294	829736	20	196	192	22.0	353162	528294	180TFD2801	CRTD3618	
	400	200	2	4	1970		518400Y		50	212	208	122			180TFD4001		
190	330	120	1	2	1110		519330Y		26	215	206	41.9			190TFD3301		
200	280	96	1	2	495		520280Y		22	216	210	17.7			200TFD2801		
	300	96	1	2	570	2230	563400		22	236	231	23.0		563400			
	560	138	3	4	1600	6700	520560Y		40	430	413	105				CRTD4013	
220	300	96	1	2	570	2240	528876	829244	22	236	231	20.0	351019C	528876	220TFD3001		
	340	130	1	2	860	3700	522340Y		39	250	242	40.5				CRTD4401	
	372	195	2	2			522372Y	829744				88.3					
230	410	150	2	4	1450	5650	523410Y		34	270	264	82.8			230TFD4101		
	400	180	2	4	1500	5800	530852	829746	42	260		110	351182C	530852			
240	320	96	1	2	565	1980	529086	829748	22	256	251	22.5		529086	240TFD3201	CRTD4802	
	380	105	2	2	980	5200	545678		27	270		42.0		545678		CRTD4803	
	470	180	3	6			532584		45	290	240	140		532584			
250	360	96	1	2	680	2820	547482		24	285	250	30.0		547482		CRTD5007	
	380	100	1	2	1010	4750	522010	829950	22	275	265	43.5	353005	522010	250TFD3801	CRTD5005	2THR503810
260	360	92	1	2	620	2750	509352	829252	20	285	276	26.3	350981C	509352	260TFD3601	CRTD5216	2THR52369
	360	92	1	2	620	2750	526360Y		20	285	276	25.6			260TFD3602		
	400	120	2	3	920	3930	526400Y		25	290	276	51.5				CRTD5317	2THR524012
270	450	180	2	5	1610	6000	527450Y	829954	45	310	300	120	351164C				

Double-direction Thrust Taper Roller Bearing

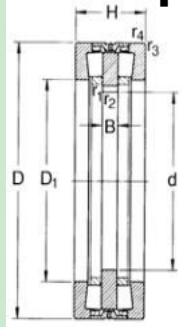
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基本尺寸(mm) Boundary Dimensions					基本额定载荷(kN) Basic Load Ratings		轴承代号 Bearing Numbers		相关安装尺寸(mm) Abutment and Fillet Dimensions			质量(kg) Mass 参考 Refer.	相当于国外轴承代号 Reference Models Abroad				
d	D	H	r 1,2	r 3,4	Ca	Coa	新代号 New	旧代号 Old	B	D1	da		SKF	FAG	NSK	NTN	KOYO
270	450	180	3	6	1820	7500	527907		44	316	270	115		527907			
300	420	100	2	2	935	2820	524740	829260	23	330	320	41.4		524740	300TFD4201	CRTD6001	
305	530	200	2	5	2160	8200	544025		56	345	305	200		544025		CRTD6104	
310	490	130	3	3	1310	4870	524902		29	350	310	92.4		524902			
320	440	108	1	3	985	4840	528562	829264	20	355	349	46.7	353102	528562	320TFD4401	CRTD6405	2THR644411
	470	130	1	3	1210	5940	509654	829764	30	350	340	80.0	350982C	509654	320TFD4701	CRTD6404	2THR644713
	500	218	2	5	2200	8280	540295		60	350	320	175		540295			
	600	240	2	4	3780	9890	522837		50	380	320	335		522837			
350	490	130	1	3	1350	5390	530739	829970	30	390	380	73.5	351100C	530739	350TFD4901	CRTD7012	2THR704913A
	490	145	2	3	1350	6700	579703		45	390	350	81.0		579703			
	540	135	1	4	1790	9680	522008	829970K	30	400	384	115	353006	522008	350TFD5401		
360	530	145	2	4	1310	5800	573320		45	410		101		573320			
	560	200	2	5	1700	7200	524194	829272	48	396	360	180		524194			
380	530	130	2	4	1660	8500	513828	829276	30	410	380	95.0		513828		CRTD7612	2THR765613
	560	130	2	3	1680	10500	513125	829776	32	430	416	102	351175C	513125	380TFD5601		
	560	138	2	3			548285		40	430	380	110		548285			
	560	145	2	3	1720	9200	567356		47	430	416	130		567356			
	650	215	2	4	3030	17200	545936	829976	65	450	446	205	BFDB353204	545936			
400	650	200	2	5	2700	13700	540162	829780	50	450	400	250		540162			
410	560	160	2	5	2780	10200	524134		40	440	410	112		524134		CRTD8201	
420	620	170	2	3	2180	11000	542620Y	829784	35	465	455	185	351121C		420TFD6201	CRTD8403	2THR846217
	620	170	2	3	2180	11200	509392		35	470	455	185		509392			
	620	185	2	3	2060	11900	542621Y	829784K	50	465	455	200	BFDB353200/HA3				
	620	185	2	3	2200	12000	545991		50	470	455	202		545991			

Double-direction Thrust Taper Roller Bearing

WSW



基本尺寸(mm) Boundary Dimensions					基本额定载荷(kN) Basic Load Ratings		轴承代号 Bearing Numbers		相关安装尺寸(mm) Abutment and Fillet Dimensions			质量(kg) Mass 参考 Refer.	相当于国外轴承代号 Reference Models Abroad				
d	D	H	r 1,2	r 3,4	Ca	Coa	新代号 New	旧代号 Old	B	D1	da		SKF	FAG	NSK	NTN	KOYO
420	620	200	3	3	2200	12000	579704		65	470	420	217		579704			
440	645	167	3	4	2010	11200	534038	829788	50	490	480	190	353152	534038		CRTD8801	
	660	155	3	5	2430	12000	523720		35	505	485	180		523720	440TFD6601		
450	645	155	4	4	2280	11200	545645Y	829990	38	490	480	170	350916D		450TFD6401		
	645	155	3	5	2350	12200	513401		38	500	480	157		513401			
460	680	155	2	4	2450		546680Y		30	510	496	186			460TFD6801	CRTD9408	
470	720	200	2	4	3140	17600	509391		40	535	518	285		509391	470TFD7201		2THR947220
	720	200	2	4	3140	17600	547720Y	829994	50	535	515	305	353151				
	720	210	2	4	3410	18700	549701		60	535	515	325		549701			
480	710	218	3	5	2700	13000	547584		57	575	480	280		547584			
530	710	218	2	3	2500	11400	511746		57	575	560	245	351475C	511746	530TFD7101	CRTD11002	
550	760	230	2	5	2700	14100	515196		50	610	585	310	350976C	515196	550TFD7601		2THR550
	760	230	5	2	3200		550760Y		50	590	583	310			550TFD7602		
600	910	290	5	6	5200	22400	560910Y		70	680	670	655	350901C		600TFD9101		
	880	290	5	6	5200	22400	560880Y		70	680	670	550	BFDB350824B/HA1				
670	900	230	2	5	3700	19800	521823		50	725	705	425	351761A	521823	670TFD9001		
900	1180	220	2	6	4450	29000	590118Y		48	990	960	605	353002		900TFD1101		

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