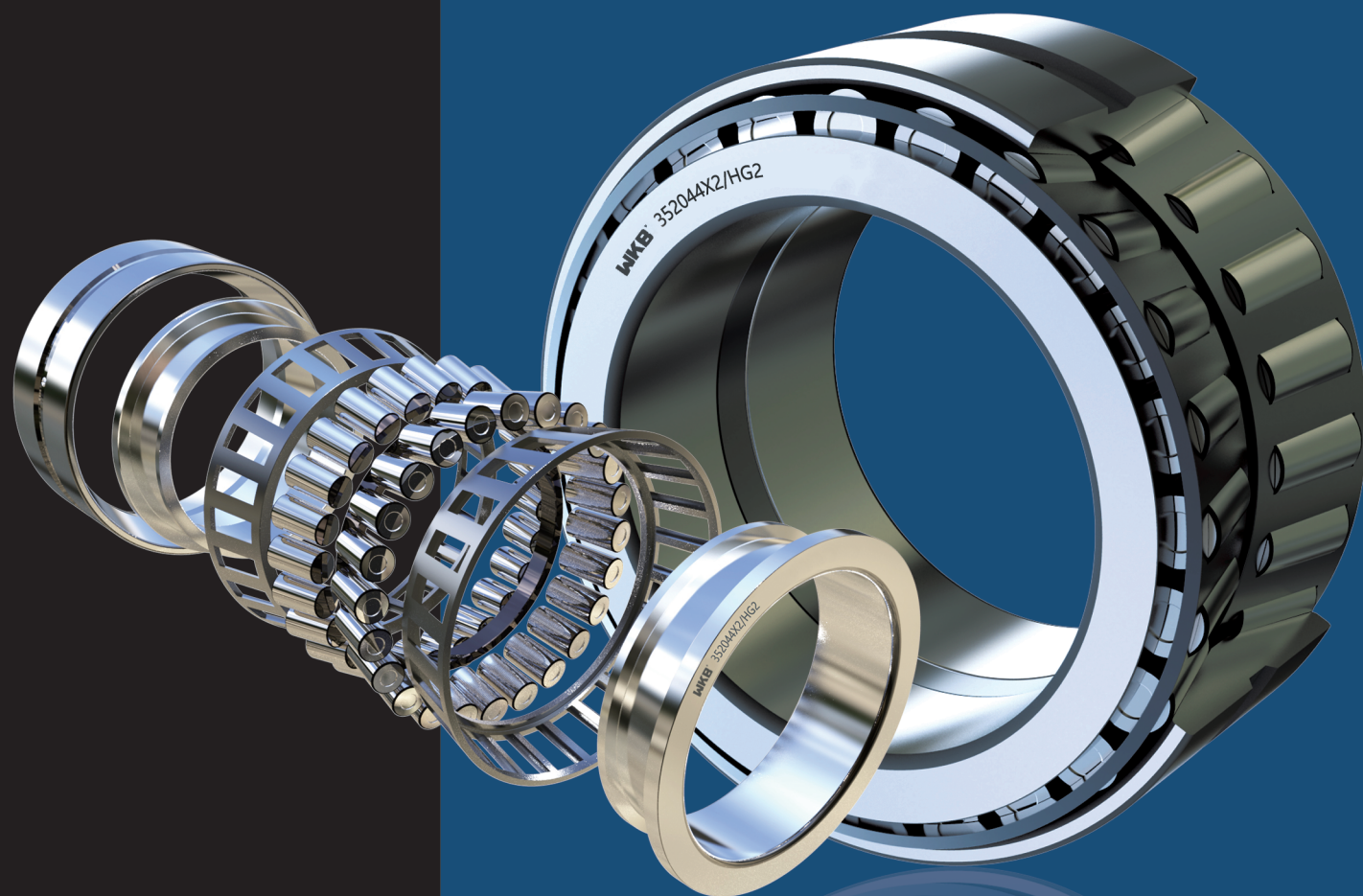


圆锥滚子轴承

Tapered Roller Bearing



圆锥滚子可以分离，由内圈与滚子、保持架一起组成的组件和外圈可以分别安装。滚子和滚道接触处修正的接触线可以减少应力集中。圆锥滚子轴承可承受大的径向载荷和轴向载荷。由于圆锥滚子轴承只能传递单向轴向载荷，因此，为传递相反方向的轴向载荷就需要另一个与之对称安装的圆锥滚子轴承。

The tapered roller bearings are separable, and the assembly consisting of the inner ring and rollers, cage and the outer ring can be installed separately. The corrected contact line at the location of contact between the rollers and raceway can reduce stress concentration. The tapered roller bearing can bear high radial and axial loads. As a tapered roller bearing can only transmit the axial load in a single direction, another tapered roller bearing installed symmetrically is necessary to transmit the axial load in the reverse direction.

标准 Specification

公制圆锥滚子轴承 DIN ISO 355和DIN720。
Metric tapered roller bearing DIN ISO 355 and DIN720.

基本类型 Basic type

圆锥滚子轴承适合传递径向载荷和轴向载荷。313系列圆锥滚子轴承由于接触角特别大，所以适用于大轴向载荷的场合，323B系列圆锥滚子轴承也有较大的接触角。

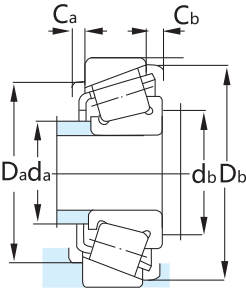
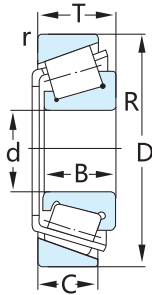
A tapered roller bearing is suitable for transmitting radial and axial loads. 313-series tapered roller bearings, with a large contact angle, apply to occasions where a high axial load exists, while 323B-series tapered roller bearings also have a large contact angle.

代号 Designation

轴承尺寸表中有两组公制圆锥滚子轴承代号，即依据符合DIN 720标准的圆锥滚子轴承代号和依据DIN ISO355标准的圆锥滚子轴承代号。

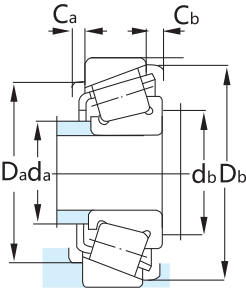
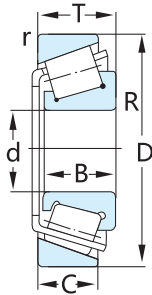
There are two groups of metric tapered roller bearing designations in the table for bearing dimensions, i. e. the tapered roller bearing designation complying with DIN 720 and that complying with DIN ISO355.





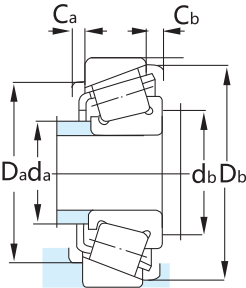
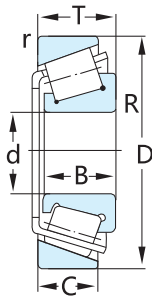
基本尺寸 Basic Size									基本额定负荷 Basic load rating		额定转速 Speed Ratings	
d	D	T	B	C	R径向 (最小) R/radial (min)	R轴向 (最小) R/axial (min)	r径向 (最小) r/radial (min)	r轴向 (最小) r/axial (min)	动态dynamic C	静态static C ₀	参考转速 Reference Speed r/min	极限转速 Limiting Speed r/min
mm									kN			
70	100	20	20	16	1	1	1	1	85.8	112	5000	6000
	110	25	25	19	1.5	1.5	1.5	1.5	125	153	4500	5600
	120	37	37	29	2	1.5	2	1.5	211	250	4300	5300
	125	33.25	31	27	2	1.5	2	1.5	195	208	4300	5300
	150	38	35	25	3	2.5	3	2.5	229	220	3400	4500
	150	38	35	30	3	2.5	3	2.5	271	260	3800	4500
	150	54	51	42	3	2.5	3	2.5	363	380	3400	4500
75	115	25	25	19	1.5	1.5	1.5	1.5	130	163	4300	5300
	130	33.25	31	27	2	1.5	2	1.5	197	212	4000	5000
	160	40	37	26	3	2.5	3	2.5	255	245	3200	4300
	160	40	37	31	3	2.5	3	2.5	301	290	3400	4300
	160	58	55	45	3	2.5	3	2.5	410	475	3200	4000
80	125	29	29	22	1.5	1.5	1.5	1.5	168	216	4000	5000
	140	28.25	26	22	2.5	2	2.5	2	184	183	3800	4800
	140	35.25	33	28	2.5	2	2.5	2	228	245	3800	4500
	170	42.5	39	33	3	2.5	3	2.5	333	320	3200	4000
	170	42.5	39	27	3	2.5	3	2.5	276	265	3000	4000
	170	61.5	58	48	3	2.5	3	2.5	404	500	3200	4000
	170	61.5	58	48	3	2.5	3	2.5	440	520	3200	3800
85	130	29	29	22	1.5	1.5	1.5	1.5	171	224	3800	4800
	150	38.5	36	30	2.5	2	2.5	2	263	285	3600	4300
	180	44.5	41	34	4	3	4	3	372	365	3000	3800
	180	63.5	60	49	4	3	4	3	417	560	3000	3600
90	140	32	32	24	2	1.5	2	1.5	208	270	3600	4300
	140	39	39	32.5	2	1.5	2	1.5	266	355	3600	4500
	150	45	45	35	2.5	2	2.5	2	310	390	3400	4300
	160	32.5	30	26	2.5	2	2.5	2	240	245	3400	4000
	160	42.5	40	34	2.5	2	2.5	2	309	340	3400	4000
	190	46.5	43	36	4	3	4	3	353	400	2600	3600
	190	67.5	64	53	4	3	4	3	487	610	2600	3600
	190	46.5	43	30	4	3	4	3	283	315	2400	3400

代号 Code	安装相关尺寸 Related Installation Size							计算系数 Calculation Coefficient				质量 Mass
	d _{amax} mm	d _{bmin}	D _{amin}	D _{amax}	D _{bmin}	C _{amin}	C _{bmin}	e	Y	Y ₀	a	kg
32914 32014X 33114 32214 31314 30314 32314	77	78	93	92	96	4	4	0.31	1.9	1.1	17	0.49
	78	79.5	98	101	105	5	6	0.43	1.4	0.8	23	0.85
	80	80.5	104	111	115	6	8	0.37	1.6	0.9	27	1.7
	81	80.5	108	116	119	4	6	0.43	1.4	0.8	28	1.6
	85	83	118	139	141	5	13	0.83	0.72	0.4	45	2.85
	90	83	130	139	140	5	8	0.35	1.7	0.9	29	2.95
	87	83	125	139	140	6	12	0.35	1.7	0.9	35	4.3
32015X 32215 31315 30315 32315B	83	84.5	103	106	110	5	6	0.46	1.3	0.7	24	0.91
	85	85.5	114	121	125	4	6	0.43	1.4	0.8	29	1.65
	91	88	127	149	151	5	14	0.83	0.72	0.4	48	3.4
	96	88	139	149	149	5	9	0.35	1.7	0.9	30	3.5
	89	88	122	149	151	7	13	0.54	1.1	0.6	46	5.55
32016X 30216 32216 30316 31316 32316 32316B	90	90	112	116	120	6	7	0.43	1.4	0.8	26	1.3
	92	92	124	130	132	4	6	0.43	1.4	0.8	27	1.6
	91	92	122	130	134	5	7	0.43	1.4	0.8	30	2.05
	103	93.5	148	158	159	5	9.5	0.35	1.7	0.9	33	4.15
	97	93.5	134	159	159	5	15.5	0.83	0.72	0.4	51	4.05
	98	93.5	142	159	159	7	13.5	0.35	1.7	0.9	40	6.2
	97	93.5	130	159	160	7	13.5	0.54	1.1	0.6	49	6.65
32017X 32217 30317 32317B	95	95	117	121	125	6	7	0.44	1.35	0.8	27	1.35
	97	97	130	140	142	5	8.5	0.43	1.4	0.8	33	2.6
	108	100	156	167	167	5	10.5	0.35	1.7	0.9	34	4.85
	102	100	138	168	169	7	14.5	0.54	1.1	0.6	51	7.6
32018X 33018 33118 30218 32218 30318 32318 31318	100	101	125	131	134	6	8	0.43	1.4	0.8	29	1.75
	101	101	127	131	135	7	6.5	0.27	2.2	1.3	27	2.2
	101	102	130	140	144	7	10	0.4	1.5	0.8	34	3.1
	104	102	140	150	150	5	6.5	0.43	1.4	0.8	31	2.5
	103	102	138	150	152	5	8.5	0.43	1.4	0.8	35	3.35
	114	105	165	177	176	6	10.5	0.35	1.7	0.9	36	5.65
	109	105	157	177	177	7	14.5	0.35	1.7	0.9	44	8.4
	110	105	151	177	179	5	16.5	0.83	0.72	0.4	57	5.4



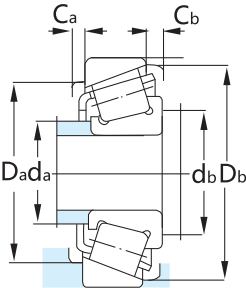
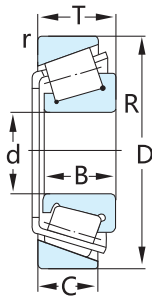
基本尺寸 Basic Size									基本额定负荷 Basic load rating		额定转速 Speed Ratings	
d	D	T	B	C	R径向 (最小) R/radial (min)	R轴向 (最小) R/axial (min)	r径向 (最小) r/radial (min)	r轴向 (最小) r/axial (min)	动态dynamic C	静态static C ₀	参考转速 Reference Speed r/min	极限转速 Limiting Speed r/min
mm									kN			
95	145	32	32	24	2	1.5	2	1.5	206	270	3400	4300
	145	39	39	32.5	2	1.5	2	1.5	272	375	3400	4300
	170	34.5	32	27	3	2.5	3	2.5	266	275	3200	3800
	170	45.5	43	37	3	2.5	3	2.5	348	390	3200	3800
	200	49.5	45	32	4	3	4	3	314	355	2400	3400
	200	49.5	45	38	4	3	4	3	353	390	2600	3400
	200	71.5	67	55	4	3	4	3	535	670	2400	3400
100	140	25	25	20	1.5	1.5	1.5	1.5	147	204	3400	4300
	150	32	32	24	2	1.5	2	1.5	209	280	3200	4000
	180	63	63	48	3	2.5	3	2.5	532	655	2600	3600
	180	49	46	39	3	2.5	3	2.5	390	440	3000	3600
	215	51.5	47	39	4	3	4	3	431	490	2400	3200
	215	77.5	73	60	4	3	4	3	617	780	2200	3200
	215	56.5	51	35	4	3	4	3	399	465	2200	3000
105	160	35	35	26	2.5	2	2.5	2	248	335	3200	3800
	160	43	43	34	2.5	2	2.5	2	303	430	3200	3800
	190	39	36	30	3	2.5	3	2.5	333	355	2800	3400
	190	53	50	43	3	2.5	3	2.5	443	510	2800	3400
	225	58	53	36	4	3	4	3	429	500	2000	3000
	225	53.5	49	41	4	3	4	3	462	530	2200	3000
	225	81.5	77	63	4	3	4	3	645	815	2000	3000
110	170	38	38	29	2.5	2	2.5	2	288	390	3000	3600
	150	25	25	20	1.5	1.5	1.5	1.5	154	224	3200	4000
	200	41	38	32	3	2.5	3	2.5	327	405	2600	3200
	200	56	53	46	3	2.5	3	2.5	491	570	2600	3200
	240	54.5	50	42	4	3	4	3	507	585	2200	2800
	240	63	57	38	4	3	4	3	491	585	1900	2800
	240	84.5	80	65	4	3	4	3	675	830	1900	2800
120	180	38	38	29	2.5	2	2.5	2	299	415	2800	3400
	180	48	48	38	2.5	2	2.5	2	356	540	2800	3400
	215	61.5	58	50	3	2.5	3	2.5	573	695	2400	3000
	260	59.5	55	46	4	3	4	3	601	710	2000	2600
	260	68	62	42	4	3	4	3	578	695	1700	2400
	260	90.5	86	69	4	3	4	3	855	1120	1800	2600

代号 Code	安装相关尺寸 Related Installation Size							计算系数 Calculation Coefficient				质量 Mass
	d _{amax} mm	d _{bmin}	D _{amin}	D _{amax}	D _{bmin}	C _{amin}	C _{bmin}	e	Y	Y ₀	a	kg
32019X 33019 30219 32219 31319 30319 32319	106	106	130	136	140	6	8	0.44	1.35	0.8	31	1.85
	105	106	131	136	139	7	6.5	0.28	2.1	1.1	28	2.3
	110	108	149	158	159	5	7.5	0.43	1.4	0.8	32	3
	109	108	145	158	161	5	8.5	0.43	1.4	0.8	38	4.1
	114	111	157	187	187	5	17.5	0.83	0.72	0.4	59	6.3
	119	111	172	187	184	7	11.5	0.35	1.7	0.9	38	6.45
	115	111	166	187	186	8	16.5	0.35	1.7	0.9	47	9.8
32920 32020X 33220 32220 30320 32320 31320X	110	110	131	131	135	5	5	0.33	1.8	1	23	1.15
	110	111	134	141	144	6	8	0.46	1.3	0.7	32	1.9
	112	113	151	168	172	10	15	0.4	1.5	0.8	44	6.75
	115	113	154	168	171	5	10	0.43	1.4	0.8	40	4.95
	128	116	184	202	197	6	12.5	0.35	1.7	0.9	40	7.95
	123	116	177	202	200	8	17.5	0.35	1.7	0.9	51	12.5
	121	116	168	202	202	7	21.5	0.83	0.72	0.4	64	8.6
32021X 33021 30221 32221 31321X 30321 32321	116	117	143	149	154	6	9	0.44	1.35	0.8	34	2.45
	117	117	145	149	153	7	9	0.28	2.1	1.1	30	3
	123	118	165	178	177	5	9	0.43	1.4	0.8	37	4.3
	121	119	161	178	180	6	10	0.43	1.4	0.8	44	6
	127	121	176	212	211	7	22	0.83	0.72	0.4	67	9.65
	133	121	193	212	206	7	12.5	0.35	1.7	0.9	41	9.1
	129	121	185	212	209	9	18.5	0.35	1.7	0.9	53	14
32022X 32922 30222 32222 30322 31322X 32322	123	122	152	159	163	7	9	0.43	1.4	0.8	36	3.05
	119	120	140	140	145	5	5	0.35	1.7	0.9	26	1.25
	129	124	174	188	187	6	9	0.43	1.4	0.8	39	5.05
	127	124	170	188	190	6	10	0.43	1.4	0.8	46	7.1
	142	126	206	226	220	8	12.5	0.35	1.7	0.9	42	11
	136	126	188	227	224	8	25	0.83	0.72	0.4	72	12
	138	126	198	227	222	9	19.5	0.35	1.7	0.9	55	16.5
32024X 33024 32224 30324 31324X 32324	132	133	161	169	173	7	9	0.46	1.3	0.7	38	3.3
	132	133	160	169	171	6	10	0.3	2	1.1	36	4.2
	137	134	181	203	204	7	11.5	0.43	1.4	0.8	51	9.05
	153	136	221	246	237	8	13.5	0.35	1.7	0.9	47	13.5
	146	136	203	246	244	9	26	0.83	0.72	0.4	78	15.5
	148	136	213	246	239	10	21.5	0.35	1.7	0.9	59	21.5



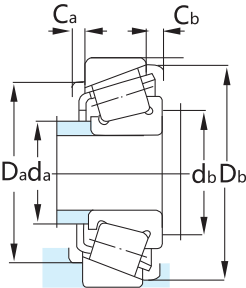
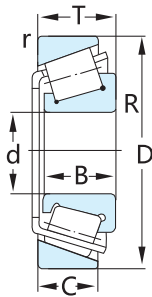
基本尺寸 Basic Size									基本额定负荷 Basic load rating 动态dynamic 静态static		额定转速 Speed Ratings 参考转速 极限转速 Reference Speed Limiting Speed	
d	D	T	B	C	R径向 (最小) R/radial (min)	R轴向 (最小) R/axial (min)	r径向 (最小) r/radial (min)	r轴向 (最小) r/axial (min)	C	C ₀	Reference Speed r/min	Limiting Speed
mm									kN			
130	180	32	32	25	2	1.5	2	1.5	245	365	2600	3200
	180	32.5	30	26					142	260	1700	2400
	200	45	45	34	2.5	2	2.5	2	388	540	2400	3000
	200	55	55	43	2.5	2	2.5	2	470	680	2400	3000
	230	43.75	40	34	4	3	4	3	451	490	2200	2800
	230	67.75	64	54	4	3	4	3	590	830	2000	2800
	280	63.75	58	49	5	4	5	4	679	800	1800	2400
	280	72	66	44	5	4	5	4	647	780	1600	2400
	280	98.75	93	78	5	5	5	5	1019	1340	1600	2400
140	190	32	32	25	2	1.5	2	1.5	252	390	2600	3000
	210	45	45	34	2.5	2	2.5	2	404	585	2400	2800
	210	56	56	44								
	250	45.75	42	36	4	3	4	3	451	570	1900	2600
	250	71.75	68	58	4	3	4	3	691	1000	1900	2600
	300	67.75	62	53	5	4	5	4	787	950	1700	2200
	300	77	70	47	5	4	5	4	737	900	1500	2200
	300	154	70	47								
	300	107.75	102	85	5	4	5	4	1220	1660	1600	2200
150	210	38	38	30	2.5	2	2.5	2	346	530	2200	2800
	225	48	48	36	3	2.5	3	2.5	456	655	2200	2600
	270	49	45	38	4	3	4	3	455	560	1800	2400
	270	77	73	60	4	3	4	3	782	1140	1700	2400
	320	72	65	55	5	4	5	4	879	1060	1600	2000
	320	82	75	50	5	4	5	4	832	1020	1400	2000
160	220	38	38	30	2.5	2	2.5	2	349	540	2200	2600
	240	51	51	38	3	2.5	3	2.5	532	780	2000	2400
	290	52	48	40	4	3	4	3	566	735	1600	2200
	290	84	80	67	4	3	4	3	934	1400	1600	2200
	340	75	68	58	5	4	5	4	970	1180	1500	2000
	340	121	114	95	5	5	4	4	1400	2230	1000	1500

代号 Code	安装相关尺寸 Related Installation Size							计算系数 Calculation Coefficient				质量 Mass
	d _{amax}	d _{bmin}	D _{amin}	D _{amax}	D _{bmin}	C _{amin}	C _{bmin}	e	Y	Y ₀	a	kg
mm												
32926 32926X2 32026X 33026 30226 32226 30326 31326X 32326	141	142	167	170	173	6	7	0.33	1.8	1	31	2.4
	140	139	164	171	174	5	8					2.32
	144	143	178	189	192	7	11	0.43	1.4	0.8	42	4.95
	144	143	178	189	192	8	12	0.35	1.7	0.9	42	6.15
	152	146	203	216	217	6	9.5	0.43	1.4	0.8	44	6.85
	146	146	193	216	219	7	13.5	0.43	1.4	0.8	55	11
	165	149	239	264	255	8	14.5	0.35	1.7	0.9	50	17
	157	149	218	264	261	8	28	0.83	0.72	0.4	83	18.5
	160	149	230	262	260	10	20.5	0.35	1.7	0.9	65	27.5
32928 32028X 33028 30228 32228 30328 31328X 31328X2 32328	151	152	177	180	184	6	7	0.35	1.7	0.9	33	2.55
	153	153	187	199	202	8	11	0.46	1.3	0.7	45	5.25
												6.57
	164	156	219	236	234	8	9.5	0.43	1.4	0.8	47	8.7
	159	156	210	236	238	8	13.5	0.43	1.4	0.8	59	14
	176	159	255	284	273	8	14.5	0.35	1.7	0.9	54	20.5
	169	159	235	284	280	9	30	0.83	0.72	0.4	90	22.5
												48.8
	172	159	247	284	280	12	22.5	0.35	1.7	0.9	71	34.5
32930 32030X 30230 32230 30330 31330X	163	163	194	198	202	7	8	0.33	1.8	1	35	3.95
	165	164	200	212	216	8	12	0.46	1.3	0.7	48	6.4
	176	167	234	256	250	9	11	0.43	1.4	0.8	50	10.5
32932 32032X 30232 32232 30332 32332	171	167	226	256	254	8	17	0.43	1.4	0.8	64	18
	189	169	273	303	292	9	17	0.35	1.7	0.9	58	25
	181	169	251	304	300	9	32	0.83	0.72	0.4	96	27
32932 32032X 30232 32232 30332 32332	173	173	204	208	212	7	8	0.35	1.7	0.9	38	4.2
	176	175	213	227	231	8	13	0.46	1.3	0.7	51	7.8
	190	177	252	276	269	7	12	0.43	1.4	0.8	53	13
32932 32032X 30232 32232 30332 32332	183	177	242	276	274	10	17	0.43	1.4	0.8	69	23
	201	179	290	323	310	9	17	0.35	1.7	0.9	61	29
	199	176	274	327	314	4.5	29	0.35	1.7	0.96	81	51.7



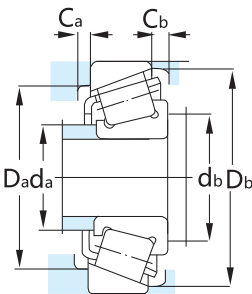
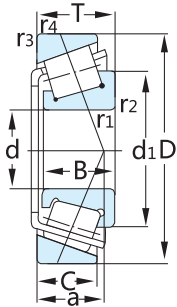
基本尺寸 Basic Size									基本额定负荷 Basic load rating 动态dynamic 静态static		额定转速 Speed Ratings 参考转速 极限转速 Reference Limiting Speed Speed r/min	
d	D	T	B	C	R径向 (最小) R/radial (min)	R轴向 (最小) R/axial (min)	r径向 (最小) r/radial (min)	r轴向 (最小) r/axial (min)	C	C ₀		
mm												
170	230	38	38	30	2.5	2	2.5	2	351	585	2000	2400
	260	57	57	43	3	2.5	3	2.5	625	915	1900	2200
	310	57	52	43	5	4	5	4	657	865	1500	2000
	310	91	86	71	5	4	5	4	1075	1630	1500	2000
	360	80	72	62	5	4	5	4	1103	1340	1400	1800
180	280	64	64	48	3	2.5	3	2.5	793	1160	1700	2200
	320	57	52	43	5	4	5	4	629	815	1500	2000
	320	91	86	71	5	4	5	4	1069	1630	1400	1900
	250	45	45	34	2.5	2	2.5	2	435	735	1900	2200
	380	134	126	106	6	6	5	5	140	2350	1510	2660
190	260	45	45	34	2.5	2	2.5	2	443	765	1800	2200
	290	51	46	40	3	3	2.5	2.5	349	610	950	1400
	290	64	64	48	3	2.5	3	2.5	806	1200	1600	2000
	340	60	55	46	5	4	5	4	763	1000	1400	1800
	340	97	92	75	5	4	5	4	1267	1930	1300	1800
200	280	51.5	48	41	3	3	2.5	2.5	348	742	1000	1500
	280	51	51	39	3	2.5	3	2.5	588	950	1700	2000
	310	70	70	53	3	2.5	3	2.5	800	1370	1400	1900
	360	64	58	48	5	4	5	4	845	1120	1300	1700
	360	104	98	82	4	4	4	4	1300	2000	1300	1700
220	300	51	51	39	3	2.5	3	2.5	601	1000	1500	1900
	340	76	76	57	4	3	4	3	955	1660	1300	1700
	400	72	65	54	5	4	5	4	1059	1400	1200	1600
	400	114	108	90	5	4	5	4	1720	2700	1100	1500
	460	97	88	73	5	5	4	4	1490	2090	900	1300
	460	154	145	122	5	5	5	5	2130	3310	710	900

代号 Code	安装相关尺寸 Related Installation Size							计算系数 Calculation Coefficient				质量 Mass
	d _{amax}	d _{bmin}	D _{amin}	D _{amax}	D _{bmin}	C _{amin}	C _{bmin}	e	Y	Y ₀	a	kg
mm												
32934 32034X 30234 32234 30334	183	183	213	218	222	7	8	0.37	1.6	0.9	41	4.5
	188	185	230	247	249	10	14	0.44	1.35	0.8	55	10.5
	203	189	269	293	288	8	14	0.43	1.4	0.8	58	16.5
	196	189	259	293	294	10	20	0.43	1.4	0.8	75	28.5
	213	190	307	343	329	9	18	0.35	1.7	0.9	65	34.5
32036X 30236 32236 32936 32336	200	195	247	267	267	10	16	0.43	1.4	0.8	59	14
	212	199	278	303	297	8	14	0.46	1.3	0.7	60	17
	205	199	267	303	303	10	20	0.46	1.3	0.7	77	29.5
	194	194	225	238	241	8	11	0.48	1.25	0.7	53	6.65
								0.39				74.3
32938 31038 32038X 30238 32238	205	204	235	248	251	8	11	0.48	1.25	0.7	54	7
	215	202	256	281	272	4.5	11	0.38	1.6	0.87	53	10.5
	210	205	257	276	279	10	16	0.44	1.35	0.8	62	15
	225	210	298	323	318	8	14	0.43	1.4	0.8	63	20.5
	217	210	286	323	323	12	22	0.43	1.4	0.8	80	36
32940K 32940 32040X 30240 32240	220	212	251	271	270	10	11	0.39	1.4	0.84	54	8.7
	217	215	257	266	271	9	12	0.4	1.5	0.8	53	9.5
	222	215	273	296	297	11	17	0.43	1.4	0.8	65	19
	237	220	315	343	336	9	16	0.43	1.4	0.8	67	24.5
	231	218	302	343	340	11	22	0.4	1.5	0.8	82	42.5
32944 32044X 30244 32244 30344 32344	235	236	275	286	290	9	12	0.43	1.4	0.8	58	10
	244	238	300	325	326	12	19	0.43	1.4	0.8	72	24.5
	259	240	348	382	371	10	18	0.43	1.4	0.8	73	34.5
	253	240	334	382	379	13	24	0.43	1.4	0.8	95	59.5
								0.35				70.4
								0.37				120.7



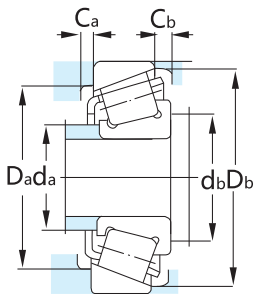
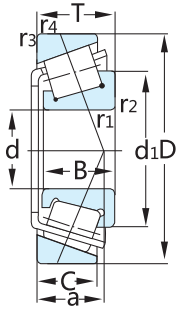
基本尺寸 Basic Size					R径向 (最小) R/radial (min)				基本额定负荷 Basic load rating 动态dynamic 静态static		额定转速 Speed Ratings 参考转速 极限转速 Reference Speed Limiting Speed r/min	
d	D	T	B	C	R/radial (min)	R/axial (min)	r/radial (min)	r/axial (min)	C	C ₀		
mm									kN			
240	320	51	51	39	3	2.5	3	2.5	624	1080	1400	1700
	360	76	76	57	4	3	4	3	989	1800	1200	1600
	360	76	76	57	4	4	3	3	768	1414	850	1200
	440	127	120	100	5	4	5	4	1918	3350	1000	1300
254	422.275	86.1	79.8	66.7	4.7	4.7	2.5	2.5	1011	1762	710	900
260	360	63.5	63.5	48	3	2.5	3	2.5	910	1530	1300	1600
	400	87	87	65	5	4	5	4	1241	2200	1100	1400
	480	137	130	106	5	5	5	4	2340	3650	900	1200
280	380	63.5	63.5	48	3	2.5	3	2.5	950	1660	1200	1400
	420	87	87	65	5	4	5	4	1288	2360	1000	1300
300	420	76	76	57	4	3	4	3	1126	2240	950	1300
	460	100	100	74	5	4	4	3	1644	3000	900	1200
320	440	76	76	57	4	3	3	2.5	1156	2360	900	1200
	480	100	100	74	5	4	4	3	1663	3100	850	1100
340	460	76	76	57	4	3	3	2.5	1163	2400	850	1200
	520	86	82	64	6	6	5	5	1350	2430	540	760
360	480	76	76	57	4	3	3	2.5	1191	2550	800	1100
	540	100.7	95	77	6	6	6	6	1650	2540	470	600
400	600	95	95	70	6	6	6	6	930	2060	400	500
420	620	95	90	67	5	5	5	5	1560	2930	380	480
460	680	105	100	78	6	6	6	6	1900	3700	330	440
500	720	100	92	78	6	6	6	6	1980	3900	180	290
560	750	85	85	64	6	6	6	6	1730	3650	160	260
600	870	124	118	89	6	6	6	6	3100	6200	140	210
710	950	114	106	80	6	6	6	6	2860	6900	260	360
760	890	78	75	59	4.7	4.7	4.7	4.7	1241	3519	130	170
900	1280	190	170	135	7.5	7.5	7.5	7.5	5860	14607	95	130

代号 Code	安装相关尺寸 Related Installation Size								计算系数 Calculation Coefficient				质量 Mass kg
	d _{amax} mm	d _{bmin}	D _{amin}	D _{amax}	D _{bmin}	C _{amin}	C _{bmin}		e	Y	Y ₀	a	
32948	255	256	294	306	311	9	12		0.46	1.3	0.7	64	11
32048X 32048SY 32248	262	258	318	345	346	12	19		0.46	1.3	0.7	77	26.5
	261	254	318	346	346	12	19		0.31	1.9	1.05	63	24.7
	276	262	365	420	415	7	27		0.43	1.4	0.8	105	81.5
306/254	297	270	370	413	399	13	19		0.36	1.7	0.9	80	45.4
32952 32052X 32252	280	276	328	345	347	11	15.5		0.4	1.5	0.8	68	19
	288	281	352	382	383	14	22		0.43	1.4	0.8	84	38
	303	286	401	458	454	10	31		0.43	1.4	0.8	112	105
32956 32056X	299	297	348	365	368	11	15.5		0.43	1.4	0.8	74	20
	306	301	370	402	402	14	22		0.46	1.3	0.7	89	40.5
32960 32060X	325	319	383	404	405	13	19		0.4	1.5	0.8	79	31.5
	330	322	404	440	439	10	26		0.43	1.4	0.8	97	58
32964 32064X	343	337	402	424	426	9	19		0.43	1.4	0.8	84	33.5
	350	342	424	460	461	10	26		0.46	1.3	0.7	103	64
32968 31068X2	361	357	421	444	446	14	19		0.44	1.35	0.8	90	35
									0.3				59.5
32972 32072	380	377	439	464	466	10	19		0.46	1.3	0.7	96	37
									0.37				70.8
31080X2									0.31				85.2
31084X2	470	436	552	605	586	13	28		0.41	1.5	0.8	111	88.3
31092X2									0.31				114
310/500									0.34				117.4
319/560									0.43				89.7
319/600									0.41				226
319/710									0.46				208
306/760/HC	785	776	393	870	870	13	22		0.32	1.9	1.04	71	78.3
310/900	990	920	1142	1230	1265	13	55		0.44	1.4	0.74	242	71.8



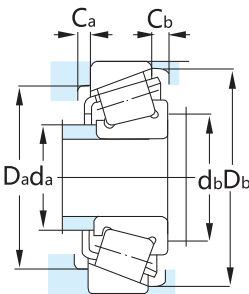
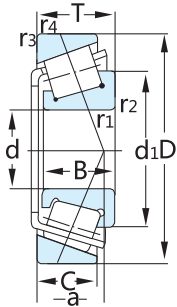
基本尺寸 Basic Size			基本额定负荷 Basic load rating 动态dynamic 静态static		额定转速 Speed Ratings 参考转速 极限转速 Reference Speed Limiting Speed r/min		质量 Mass	代号 Code
d	D	T	C	C ₀			kg	-
mm			kN					
152.400 6.0000	222.250	46.830	400	630	2200	2600	5.85	M231649/M231610
	8.7500	1.8437						
	203.20	41.275	251	480	2400	2800	3.7	LM330448/410
	8.0000	1.6250						
155.575 6.1250	336.550	85.725	825	1200	900	1300	33.5	BT1B328833
	13.2500	3.3750						
158.750 6.2500	205.583	23.812	168	280	2200	2800	1.9	L432348/L432310
	8.0938	0.9375						
	205.583	23.812	168	280	2200	2800	1.9	L432349/L432310
	8.0938	0.9375						
165.000 5.4961	290.000	63.500	644	1000	1100	1600	17.5	BT1B440771C
	11.4170	2.5000						
165.100 6.5000	225.425	41.275	264	585	1100	1600	4.75	46790/46720
	8.8750	1.6250						
	336.500	92.075	1198	1700	1400	1900	37	HH437549/HH437510
	13.2500	3.6250						
177.800 7.0000	227.012	30.162	231	425	2000	2400	2.95	36990/36920
	8.9370	1.1875						
	288.925	63.500	774	1140	1700	2000	16	94700/74113
	11.3750	2.5000						
178.595 7.0313	265.112	51.595	532	880	1800	2200	9.55	M336948/M336912
	10.4375	2.0313						
179.934 7.0840	265.112	51.595	532	880	1800	2200	9.4	M336949/M336912
	10.4375	2.0313						
184.150 7.2500	266.700	47.625	374	800	1100	1600	8.2	K67883/67820
	10.5000	1.8750						
187.325 7.3750	269.875	55.562	473	950	1100	1600	9.85	KM238849/ KM238810
	10.6250	2.1875						
	282.575	50.800	427	695	1700	2000	9.9	87737/87111
	11.1250	2.0000						
189.738 7.4700	279.400	52.388	643	980	1700	2000	11	M239447/M239410
	11.0000	2.0625						

尺寸 Size						挡肩及倒角尺寸 Size of Abutment and Chamfer										计算系数 Calculation Coefficient		
d ₁	B	C	r _{1,2} Min	r _{3,4} Min	a	d _{amax}	d _{bmin}	D _{amin}	D _{amax}	D _{bmin}	C _{amin}	C _{bmin}	r _{amax}	r _{bmax}	e	Y	Y ₀	
mm/in						mm												
185	46.830	34.925	3.5	1.5	40	169	168	200	211	210	7	11.5	3.5	1.5	0.33	1.8	1	
	1.8437	1.3750	0.14	0.06														
180	41.275	34.925	3.3	3.3	38	166	168	186	189	197	5	6	3.3	3.3	0.35	1.7	0.9	
	1.6250	1.3750	0.13	0.13														
253	79.450	54.030	6.4	6.4	101	199	277.5	260	313	312	9	31.5	6	6	0.79	0.76	0.4	
	3.1280	2.1272	0.25	0.25														
181	23.812	18.258	4.8	1.5	32	172	177	194	195	197	5	5.5	4.8	1.5	0.37	1.6	0.9	
	0.9375	0.7188	0.19	0.06														
181	23.812	18.258	4.8	1.5	32	172	177	194	195	197	5	5.5	4.8	1.5	0.37	1.6	0.9	
	0.9375	0.7188	0.19	0.06														
224	68.000	48.000	7	3.3	51	200	188	257	275	272	11	15.5	6.5	3	0.31	1.5	1.1	
	2.6772	1.8898	0.28	0.13														
196	39.688	33.338	3.5	3.3	44	180	181	204	210.5	216	5	7.5	3	3	0.37	1.6	0.9	
	1.5625	1.3125	0.14	0.13														
242	95.250	69.850	3.3	6.4	69	203	182	280	315	308	14	22	3.3	6.4	0.37	1.6	0.9	
	3.7500	2.7500	0.13	0.25														
203	30.162	23.020	1.5	1.5	42	190	190	212	216	220	5	7	1.5	1.5	0.44	1.35	0.8	
	1.1875	0.9063	0.13	0.13														
232	63.500	47.625	7	3.3	62	201	201	247	274	270	10	15.5	7	3.3	0.46	1.3	0.7	
	2.5000	1.8750	0.28	0.13														
216	57.150	38.895	3.3	3.3	46	196	195	240	250	251	9	12.5	3.3	3.3	0.33	1.8	1	
	2.2500	1.5313	0.13	0.13														
216	57.150	38.895	3.3	3.3	46	196	196	240	250	251	9	12.5	3.3	3.3	0.33	1.8	1	
	2.2500	1.5313	0.13	0.13														
233	46.833	38.100	3.5	3.3	59	209	197	239	251.5	257	6	9.5	3	3	0.48	1.25	0.7	
	1.8438	1.5000	0.14	0.13														
228	55.562	42.662	3.5	3.3	50	210	200	244	255	256	7	12.5	3	3	0.33	1.8	1	
	2.1875	1.6875	0.14	0.13														
232	47.625	36.512	3.5	3.3	54	213	204	253	267	267	6	14	3.5	3.3	0.43	1.4	0.8	
	1.8750	1.4375	0.14	0.13														
232	57.150	41.275	3.3	3.3	48	211	206	254	264	266	9	11	3.3	3.3	0.33	1.8	1	
	2.2500	1.6250	0.13	0.13														



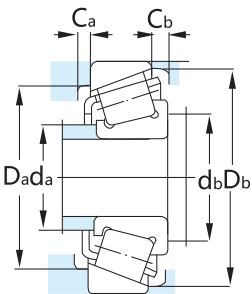
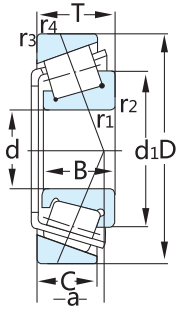
基本尺寸 Basic Size			基本额定负荷 Basic load rating		额定转速 Speed Ratings		质量 Mass	代号 Code
d	D	T	动态dynamic C	静态static C ₀	参考转速 Reference Speed	极限转速 Limiting Speed	kg	-
mm			kN		r/min			
190.475 7.4900	279.400 11.0000	52.388 2.0625	523	980	1100	1600	11	M239449/M239410
190.500 7.5000	266.700 10.5000	47.625 1.8750	374	800	1100	1600	8.2	K67885/K67820
190.500 7.5000	282.575 11.1250	50.800 2.0000	427	695	1700	2000	9.55	87750/87111
196.850 7.7500	241.300 9.5000	23.812 0.9375	189	315	1900	2400	2.1	LL639249/210
196.850 7.7500	257.175 10.1250	39.688 1.5625	339	655	1800	2200	5.35	LM739749/710
200.025 7.8750	276.225 10.8750	42.862 1.6875	478	780	1700	2000	7.7	LM241147/LM241110
203.200 8.0000	261.142 10.2812	28.575 1.1250	216	440	1100	1600	3.75	LL641149/LL641110
203.200 8.0000	282.575 11.1250	46.038 1.8125	465	830	1600	2000	8.85	67983/67920
203.987 8.0310	276.225 10.8750	42.862 1.6875	478	780	1700	2000	7.2	LM241148/LM241110
206.375 8.1250	282.575 11.1250	46.038 1.8125	465	830	1600	2000	8.45	67985/67920
206.375 8.1250	336.550 13.2500	98.425 3.8750	1230	2160	1300	1800	34	H242649/H242610
210.000 8.2677	260.000 10.2362	30.000 1.1811	194	465	1100	1600	3.4	BT1B332465
210.000 8.2677	300.000 11.8110	54.500 2.1457	550	1000	1000	1500	11.4	332284
212.725 8.3750	285.750 11.2500	46.038 1.8125	352	780	1000	1500	8	LM742745/LM742710
215.900 8.6000	285.750 11.2500	46.038 1.8125	352	780	1000	1500	7.9	332110
216.408 8.5200	285.750 11.2500	46.038 1.8125	466	850	1600	2000	7.9	LM742747/710

尺寸 Size						挡肩及倒角尺寸 Size of Abutment and Chamfer										计算系数 Calculation Coefficient		
d ₁ — mm/in	B	C	r _{1.2} Min	r _{3.4} Min	a	d _{amax}	d _{bmin}	D _{amin}	D _{amax}	D _{bmin}	C _{amin}	C _{bmin}	r _{amax}	r _{bmax}	e	Y	Y ₀	
233	57.150 2.2500	41.275 1.6250	3.3 0.13	3.3 0.13	49	212	203	254	266	266	9	11	3	3	0.33	1.8	1	
233	46.833 1.8438	38.100 1.5000	3.5 0.14	3.3 0.13	58	209	206.5	239	251.5	257	6	9.5	3	3	0.48	1.25	0.7	
232	47.625 1.8750	36.512 1.4375	3.5 0.14	3.3 0.13	54	213	207	253	267	267	6	14	3.5	3.3	0.43	1.4	0.8	
217	23.017 0.9062	17.462 0.6875	1.5 0.06	1.5 0.06	40	207	209	232	230	235	5	6	1.5	1.5	0.43	1.4	0.8	
229	39.688 1.5625	30.162 1.1875	3.5 0.14	3.3 0.13	50	210	213	236	242	247	8	9.5	3.5	3.3	0.44	1.35	0.8	
236	46.038 1.8125	34.133 1.3438	3.5 0.14	3.3 0.13	44	220	217	257	261	265	7	8.5	3.5	3.3	0.31	1.9	1.1	
230	27.783 1.0938	21.433 0.8438	1.5 0.06	1.5 0.06	44	216	210	246	254	251	5	7	1.5	1.5	0.4	1.5	0.8	
246	46.038 1.8125	36.512 1.4375	3.5 0.14	3.3 0.13	60	222	220	254	267	272	8	9.5	3.5	3.3	0.5	1.2	0.7	
236	46.038 1.8125	34.133 1.3438	3.5 0.14	3.3 0.13	44	220	221	257	261	265	7	8.5	3.5	3.3	0.31	1.9	1.1	
246	46.038 1.8125	36.512 1.4375	3.5 0.14	3.3 0.13	60	222	223	254	267	272	8	9.5	3.5	3.3	0.5	1.2	0.7	
268	100.013 3.9375	77.788 3.0625	3.3 0.13	3.3 0.13	72	231	223	290	321	318	14	20.5	3.3	3.3	0.33	1.8	1	
237	30.000 1.1811	21.500 0.8465	2 0.08	1.5 0.06	53	222	220	244	250	253	6	8.5	2	1.5	0.52	1.15	0.6	
245	51.000 2.0079	45.000 1.7717	4 0.18	3 0.13	51	224	232	271	285	283	8	9.5	4	2.5	0.31	1.9	1.1	
253	46.038 1.8125	34.925 1.3750	3.5 0.14	3.3 0.13	60	230	225.5	261	270	277	7	11	3	3	0.48	1.25	0.7	
253	46.038 1.8125	34.925 1.3750	3.5 0.14	3.3 0.13	60	230	230	261	271	277	7	11	3	3	0.48	1.25	0.7	
253	49.212 1.9375	34.925 1.3750	3.5 0.14	3.3 0.13	60	230	233	261	270	277	7	11	3.5	3.3	0.48	1.25	0.7	



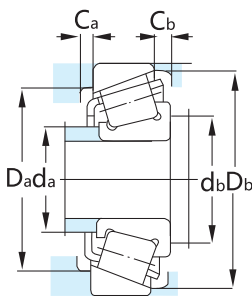
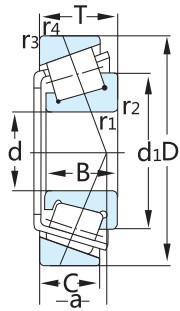
基本尺寸 Basic Size			基本额定负荷 Basic load rating		额定转速 Speed Ratings		质量 Mass	代号 Code
d	D	T	动态dynamic C	静态static C ₀	参考转速 Reference Speed	极限转速 Limiting Speed	kg	-
mm			kN		r/min			
220.116 8.6660	317.500 12.5000	47.625 1.8750	523	980	900	1300	12.5	LM245832/LM245810
220.878 8.6960	317.500 12.5000	47.325 1.8750	523	980	900	1300	12.5	LM245833/LM245810
230.188 9.0625	317.500 12.5000	47.625 1.8750	556	980	1500	1800	11	LM245846/LM245810
231.775 9.1250	317.500 12.5000	47.625 1.8750	556	980	1500	1800	10.5	LM245848/ LM245810
234.848 9.2460	314.325 12.3750	49.212 1.9375	608	1000	1500	1800	10.5	LM545848/810
247.650 9.7500	406.400 16.0000	115.888 4.5635	1610	3150	800	1100	60	H H249949/H H249910
255.000 10.0640	342.900 13.5000	57.150 2.2500	698	1400	1300	1600	15	M349547/510
257.175 10.1250	342.900 13.5000	57.150 2.2500	698	1400	1300	1600	14	M349549/510
263.525 10.3750	325.438 12.8125	28.575 1.1250	273	550	1400	1700	5.3	38880/38820
263.525 10.3750	355.600 14.0000	57.150 2.2500	789	1400	1300	1600	16	LM451345/LM451310
266.560 10.4995	325.438 12.8125	29.500 1.1614	209	475	900	1300	5.1	BT1B446356A
266.700 10.5000	325.438 12.8100	27.755 1.0927	209	475	900	1300	5.1	BT1B443884AE
266.700 10.5000	355.600 14.0000	57.150 2.2500	644	1400	850	1200	15.5	KLM451349/KLM451310
269.875 10.6250	381.000 15.0000	74.612 2.9350	790	1590			24.8	M252349/310
276.225 10.8750	352.425 13.8750	36.512 1.4375	320	665			7.85	L853049/010

尺寸 Size						挡肩及倒角尺寸 Size of Abutment and Chamfer										计算系数 Calculation Coefficient		
d _i	B	C	r _{1.2} Min	r _{3.4} Min	a	d _{amax}	d _{bmin}	D _{amin}	D _{amax}	D _{bmin}	C _{amin}	C _{bmin}	r _{amax}	r _{bmax}	e	Y	Y _o	
mm/in						mm									-			
268	52.338 2.0625	36.512 1.4375	3.3 0.13	3.3 0.13	49	249	235	296	301.5	304	8	11	3	3	0.31	1.9	1.1	
268	52.338 2.0625	36.512 1.4375	3.3 0.13	3.3 0.13	49	249	336	296	301.5	304	8	11	3	3	0.31	1.9	1.1	
268	52.388 2.0625	36.512 1.4375	3.3 0.13	3.3 0.13	49	249	247	296	302	304	9	11	3.3	3.3	0.31	1.9	1.1	
268	52.388 2.0625	36.512 1.4375	3.3 0.13	3.3 0.13	49	249	249	296	302	304	9	11	3.3	3.3	0.31	1.9	1.1	
271	53.975 2.1250	36.512 1.4375	3.5 0.14	3.3 0.13	57	250	252	291	299	304	9	12.5	3.5	3.3	0.4	1.5	0.8	
323	117.475 4.6250	93.662 3.6875	6.4 0.25	6.4 0.25	86	281	270	349	374	383	16	22	6	6	0.33	1.8	1	
296	63.500 2.5000	44.450 1.7500	1.5 0.06	3.3 0.13	59	273	269	318	327	331	9	12.5	1.5	3.3	0.35	1.7	0.9	
296	57.150 2.2500	44.450 1.7500	6.4 0.25	3.3 0.13	59	273	281	318	327	331	9	12.5	6.4	3.3	0.35	1.7	0.9	
293	28.575 1.1250	25.400 1.0000	1.5 0.06	1.5 0.06	48	282	277	307	313	313	4	3	1.5	1.5	0.37	1.6	0.9	
309	57.150 2.2500	44.450 1.7500	3.5 0.14	3.3 0.13	61	285	281	329	339	343	10	12.5	3.5	3.3	0.35	1.7	0.9	
293	33.470 1.3177	25.480 1.0003	1 1	1.5 0.06	48	286	274	308	316	313	5	4	1	1.5	0.37	1.6	0.9	
293	31.880 1.2551	25.480 1.0031	1.5 0.06	1.5 0.06	48	286	278	308	316	306	5	2.5	1.5	1.5	0.37	1.6	0.9	
310	57.150 2.2500	44.450 1.7500	3.5 0.14	3.3 0.13	62	285	283.5	329	339	343	10	12.5	3	3	0.35	1.7	0.9	
	74.612 2.9375	57.150 2.2500	6.5 0.25	3.3 0.13		304	285	356		370			6.4	3.3	0.33	1.8	0.99	
	34.925 1.3750	23.812 0.9375	3.5 0.14	3.3 0.13		300	288	333		344			3.5	3.3	0.54	1.1	0.62	



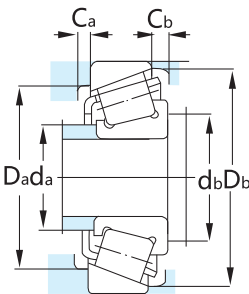
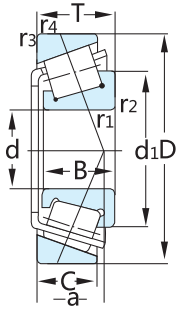
基本尺寸 Basic Size			基本额定负荷 Basic load rating		额定转速 Speed Ratings		质量 Mass	代号 Code
d	D	T	动态dynamic C	静态static Co	参考转速 Reference Speed	极限转速 Limiting Speed	kg	-
mm			kN		r/min			
292.100 11.5000	374.650 14.7500	47.625 1.8750	539	1140	1200	1500	12.5	L555249/L555210
304.800 12.0000	406.400 16.0000	63.500 2.5000	775	1700	1100	1300	22.5	LM757049/010
330.200 13.0000	415.925 16.3750	47.625 1.8750	402	965	700	950	14.3	BT1B440009
330.200 13.0000	482.600 19.0000	85.725 3.3750	1210	2500	630	850	48.5	KL860049/KL860010
333.375 13.1250	469.900 18.5000	90.488 3.5625	1428	2850	850	1200	47	HM261049/HM261010
340.000 13.3858	460.000 18.1102	76.000 2.9921	1080	2400	530	850	35	32968
342.900 13.5100	450.850 17.7500	66.675 2.6250	1000	2200	900	1200	28	LM361649A/LM361610
346.075 13.6250	488.950 19.2500	95.250 3.7500	1533	3150	850	1100	55	HM262749/HM262710
355.600 14.0000	482.600 19.0000	60.320 2.3748	572	1200	630	850	26.5	431884A
380.100 14.9646	480.000 18.8976	50.000 1.9685	594	1500	600	800	20.5	BT1B880-332420
381.000 15.0000	479.425 18.8750	49.213 1.9375	638	1500	800	1100	20	L865547/L865512
384.175 15.1250	546.100 21.5000	104.775 4.1250	1870	4150	560	750	77	HM266449/HM266410
406.400 16.0000	549.275 21.6250	85.725 3.3750	1467	3050	700	950	53.5	LM567949/910
415.925 16.3750	590.550 23.2500	114.300 4.5000	2120	4800	500	670	120	M268749/M268710
430.212 16.9375	603.250 23.7500	76.200 3.0000	1100	2320	500	670	59	EE241693/242375

尺寸 Size						挡肩及倒角尺寸 Size of Abutment and Chamfer										计算系数 Calculation Coefficient		
d ₁	B	C	r _{1.2} Min	r _{3.4} Min	a	d _{amax}	d _{bmin}	D _{amin}	D _{amax}	D _{bmin}	C _{amin}	C _{bmin}	r _{amax}	r _{bmax}	e	Y	Y _o	
mm/in						mm									-			
330	47.625 1.8750	34.925 1.3750	3.5 0.14	3.3 0.13	64	310	310	350	358	361	9	12.5	3.5	3.3	0.4	1.5	0.8	
356	63.500 2.5000	47.625 1.8750	6.4 0.25	3.3 0.13	79	327	329	370	389	391	10	15.5	6.4	3.3	0.44	1.35	0.8	
374	47.625 1.8750	34.925 1.3750	3.5 0.14	3.5 0.14	84	353	343	385	400	401	5	12.5	3	3	0.5	1.2	0.7	
402	80.167 3.1562	60.373 2.3750	6.4 0.25	3.3 0.13	90	366	354.5	431	464.5	454	11	25	6	3	0.4	1.5	0.8	
399	90.488 3.5625	71.438 2.8125	6.4 0.25	3.3 0.13	85	362	365	428	453	452	6	19	6	3.1	0.33	1.8	1	
399	76.000 2.9921	57.000 2.2441	4 0.16	3 0.12	90	361	357	421	440	446	14	19	3	2.5	0.44	1.35	0.8	
393	66.675 2.6250	52.388 2.0625	8.5 0.33	3.5 0.14	75	365	385	417	433	434	9	14	7.5	3.3	0.35	1.7	0.9	
413	95.250 3.7500	74.612 2.9375	6.4 0.25	3.3 0.13	88	379	378	442	472	467	8	21	6	3.1	0.33	1.8	1	
415	55.560 2.1874	38.100 1.5000	7 0.28	7 0.28	92	383	370	430	469	447	7	22	6.5	6.5	0.48	1.25	0.7	
431	48.080 1.8929	35.080 1.3811	6 0.24	4 0.16	93	406	402	448	467	462	8	15	5	3.5	0.5	1.2	0.7	
430	47.625 1.8750	34.925 1.3750	6.4 0.25	3.3 0.13	92	406	413	448	462	463	6	14	6	3.1	0.5	1.2	0.7	
458	104.775 4.1250	82.550 3.2500	6.4 0.25	6.4 0.25	96	418	416	492	512	520	15	22	6	6	0.33	1.8	1	
473	84.138 3.3125	61.612 2.4257	6.4 0.25	3.3 0.13	100	434	438	502	532	526	9	23.5	6	3.1	0.4	1.5	0.8	
497	114.300 4.5000	88.900 3.5000	6.4 0.25	6.4 0.25	104	453	448	532	560	563	17	25	6	6	0.33	1.8	1	
506	73.025 2.8750	50.800 2.0000	6.4 0.25	6.4 0.25	122	470	462	537	572	563	8	25	6	6	0.52	1.15	0.6	



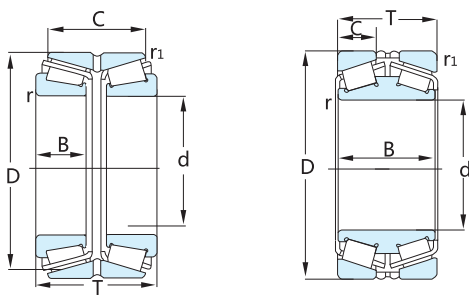
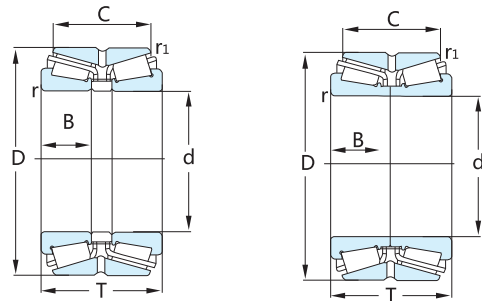
基本尺寸 Basic Size			基本额定负荷 Basic load rating		额定转速 Speed Ratings		质量 Mass	代号 Code
d	D	T	动态dynamic C	静态static C ₀	参考转速 Reference Speed	极限转速 Limiting Speed	kg	-
mm			kN		r/min			
479.425 18.8750	679.450 26.7500	128.588 5.0625	2750	6300	560	850	145	BT1B332529/HA1
482.600 19.0000	634.873 24.9950	80.962 3.1875	1470	3650	450	600	67.5	KEE243190/K243250
498.399 19.6220	634.873 24.9950	80.962 3.1875	1470	3650	450	600	60	EE243196AX/243250
498.475 19.6250	634.873 24.9950	80.962 3.1875	1470	3650	600	850	59.5	EE243196/243250/HE
498.653 19.6320	634.873 24.9950	80.962 3.1875	1470	3650	600	850	59.5	EE243196AS/243250
536.575 21.1250 536.575 21.1250	761.873 29.9950 820.000 32.2835	146.050 5.7500 152.000 5.9843	3360 3910	8000 7800	500 450	670 670	208 272	M276449/M276410 BT1B328017/HA4
539.750 21.2500	635.000 25.0000	50.800 2.0000	781	2160	430	560	27	LL575349/LL575310
549.275 21.6250	692.150 27.2500	80.962 3.1870	825	2120	560	750	67	KL476549/KL476510
560.000 22.0472	1080.000 42.5197	265.000 10.4331	8970	16000	190	280	1060	BT1B334818/HA5
607.720 23.9260	787.400 31.0000	93.662 3.6870	2160	5300	340	450	110	EE649239/649310
609.600 24.0000 609.600 24.0000	787.400 31.0000 787.400 31.0000	93.662 3.6875 93.662 3.6870	2160 2160	5300	450 450	670	110 110	EE649240/310 EE649240AX/649310
635.000 25.0000	736.600 29.0000	57.150 2.2500	858	2650	360	480	37	EK-88780/EK-80720/CL3
660.400 26.0000 660.400 26.0000 660.400 26.0000	812.800 32.0000 939.800 37.0000 1000.000 39.3701	95.250 3.7500 136.525 5.3750 152.400 6.0000	1940 3740 4652	5600 8150 9500	320 280 360	430 380 480	105 287 410	KL281147/L281110 332383 BT1B334140/HA4

尺寸 Size						挡肩及倒角尺寸 Size of Abutment and Chamfer										计算系数 Calculation Coefficient		
d ₁	B	C	r _{1.2} Min	r _{3.4} Min	a	d _{amax}	d _{bmin}	D _{amin}	D _{amax}	D _{bmin}	C _{amin}	C _{bmin}	r _{amax}	r _{bmax}	e	Y	Y ₀	
mm/in						mm									-			
572	128.588 5.0625	101.680 4.0031	6.4 0.25	6.4 0.25	118	524	512	613	648	648	21	26.5	6	6	0.33	1.8	1	
556	80.962 3.1875	63.500 2.5000	6.4 0.25	3.3 0.13	100	522	508	590	615.5	610	14	17	6	3	0.35	1.7	0.9	
556	80.962 3.1875	63.500 2.5000	6.4 0.25	3.3 0.13	100	522	530	590	615.5	610	14	17	6	3	0.35	1.7	0.9	
556	80.962 3.1875	63.500 2.5000	6.4 0.25	3.3 0.13	98	522	530	590	618	610	14	17	6	3.1	0.35	1.7	0.9	
556	80.962 3.1875	63.500 2.5000	6.4 0.25	3.3 0.13	100	522	530	590	615.5	610	14	17	6	3	0.35	1.7	0.9	
641	146.050 5.7500	114.300 4.5000	6.4 0.25	6.4 0.25	134	582	568	685	730	726	22	31.5	6	6	0.33	1.8	1	
664	146.000 5.7480	112.000 4.4094	6 0.24	5 0.2	161	595	563	724	788	777	21	40	5.6	4.6	0.43	1.4	0.8	
594	50.800 2.0000	38.100 1.5000	6.4 0.25	6.4 0.25	102	560	571	605	605	621	4	6.5	6	6	0.4	1.5	0.8	
615	80.963 3.1875	61.913 2.4375	6.4 0.25	6.4 0.25	113	583	581	646	660	667	13	19	6	6	0.37	1.6	0.9	
784	235.000 9.2520	208.000 8.1890	9.5 0.37	9.5 0.37	241	660	604	887	1036	995	27	50	8	8	0.43	1.4	0.8	
687	93.662 3.6875	69.850 2.7500	6.4 0.25	6.4 0.25	125	643	635	732	760	755	17	23.5	6	6	0.37	1.6	0.9	
687	93.662 3.6875	69.850 2.7500	6.4 0.25	6.4 0.25	125	643	642	732	755	755	17	23.5	6	6	0.37	1.6	0.9	
687	93.662 3.6875	69.850 2.7500	6.4 0.25	6.4 0.25	125	643	637	732	760	755	17	23.5	6	6	0.37	1.6	0.9	
682	53.975 2.1250	41.275 1.6250	3.3 0.13	3.3 0.13	124	658	642	704	720	718	8	15.5	3	3	0.44	1.35	0.8	
734	95.250 3.7500	73.025 2.8750	6.4 0.25	6.4 0.25	123	697	692	776	781	789	14	22	6	6	0.33	1.8	1	
784	127.080 5.0031	98.500 3.8780	6.4 0.25	6.4 0.25	167	725	692	851	919	892	19	38	6	6	0.4	1.5	0.8	
822	142.240 5.6000	113.665 4.4750	6.4 0.25	6.4 0.25	183	750	690	888	972	940	19	38.5	6	6	0.43	1.4	0.8	



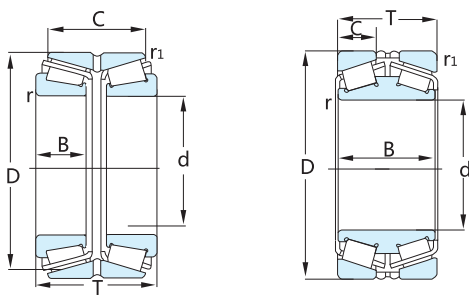
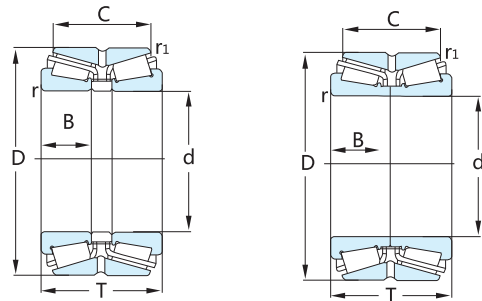
基本尺寸 Basic Size			基本额定负荷 Basic load rating		额定转速 Speed Ratings		质量 Mass	代号 Code
d	D	T	动态dynamic C	静态static C ₀	参考转速 Reference Speed	极限转速 Limiting Speed	kg	-
mm			kN		r/min			
679.450 26.7500	901.700 35.5000	142.875 5.6250	3580	9000	280	380	242	LM281849/LM281810
680.000 26.7716	1000.000 39.3701	190.000 7.4803	5610	12700	360	500	485	BT1B332787/HA4
682.625 26.8750	965.200 38.0000	185.738 7.3125	5120	12500	260	360	420	332283
682.625 26.8750	1080.000 42.5197	200.000 7.8740	6710	13200	320	480	640	BT1B332705/HA4
685.800 27.0000	876.300 34.5000	93.662 3.6875	2120	5500	300	400	130	EE655270/655345
710.000 27.9528	950.000 37.4016	113.000 4.4488	2860	6550	360	530	200	BT1B332890/HA1
711.200 28.0000	939.800 37.0000	120.650 4.7500	2640	6200	240	340	206	BT1B328868/HA4
723.900 28.5000	914.400 36.0000	84.138 3.3125	2050	4900	280	380	115	EE755285/755360
736.600 29.0000	825.500 32.5000	31.750 1.2500	429	1370	220	400	22.5	LL582949/LL582910B
774.700 30.5000	965.200 38.0000	93.662 3.6875	1940	4900	240	340	131	EE752305/752380
838.200 33.0000	1041.400 41.0000	93.662 3.6875	2140	5200	320	430	160	EE763330/763410
857.250 33.7500	1092.200 43.0000	120.650 4.7500	2810	7350	200	300	245	EE157337/157430
928.000 36.5354	1060.000 41.7323	92.000 3.6220	2200	8000	190	280	119	JL286948/JL286910
930.000 36.6142	1060.000 41.7323	92.000 3.6220	2200	8000	190	280	117	JL286948/JL286910
977.900 38.5000	1130.300 44.5000	66.675 2.6250	1450	4400	180	260	100	LL687949/LL687910

尺寸 Size							挡肩及倒角尺寸 Size of Abutment and Chamfer										计算系数 Calculation Coefficient		
d _i	B	C	r _{1.2}	r _{3.4}	a		d _{amax}	d _{bmin}	D _{amin}	D _{amax}	D _{bmin}	C _{amin}	C _{bmin}	r _{amax}	r _{bmax}		e	Y	Y ₀
mm/in			Min	Min			mm									-			
780	142.875 5.6250	111.125 4.3750	9.7 0.38	6.4 0.25	149		728	730	829	870	867	21	31.5	9	6		0.33	1.8	1
829	188.000 7.4016	140.000 5.5118	6 0.24	6 0.24	200		742	706	884	974	953	27	50	5	5		0.43	1.4	0.8
813	185.810 7.3154	142.950 5.6280	6.4 0.25	6.4 0.25	169		745	703	868	944	920	27	43	6	6		0.33	1.8	1
853	195.000 7.6772	142.000 5.5906	12 0.47	12 0.47	209		759	738	950	1024	1020	15	58	11	11		0.43	1.4	0.8
771	92.075 3.6250	69.850 2.7500	6.4 0.25	6.4 0.25	148		729	713	814	848	842	13	23.5	6	6		0.43	1.4	0.8
816	106.000 4.1732	80.000 3.1496	6 0.24	6 0.24	175		767	736	874	924	910	12	33	5	5		0.44	1.35	0.8
836	115.380 4.5425	73.330 2.8870	6.4 0.25	6.4 0.25	254		758	743	850	908	912	17	47	6	6		0.75	0.8	0.45
798	80.962 3.1875	60.325 2.3750	3.3 0.13	6.4 0.25	137		764	749	858	882	877	15	23.5	5	6		0.37	1.6	0.9
778	31.750 1.2500	25.400 1.0000	3.5 0.14	3.3 0.13	119		767	754	804	809			4		3	3	0.4	1.5	0.8
853	80.962 3.1875	66.675 2.6250	6.4 0.25	3.3 0.25	158		820	806	900	948	924	10	26.5	6	3		0.4	1.5	0.8
925	88.900 3.5000	66.675 2.6250	6.4 0.25	6.4 0.25	177		894	870	975	1010	1001	3	26.5	6	6		0.44	1.35	0.8
967	111.125 4.3750	76.200 3.0000	19 0.75	6.4 0.25	228		912	912	1003	1062	1047	17	44	18	6		0.57	1.05	0.6
993	90.000 3.5433	76.000 2.9921	3.3 0.13	3.3 0.13	152		957	945	1020	1043	1041	16	16	3	3		0.38	1.8	1
993	63.500 2.5000	76.000 2.9921	3.3 0.13	3.3 0.13	152		957	947	1020	1043	1041	16	16	3	3		0.33	1.8	1
1046	63.500 2.5000	47.625 1.8750	6.4 0.25	6.4 0.25	184		1021	1008	1086	1100	1100	9	19	6	6		0.44	1.35	0.8



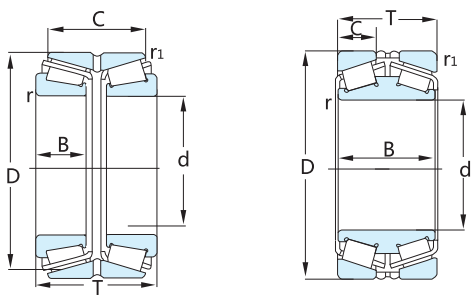
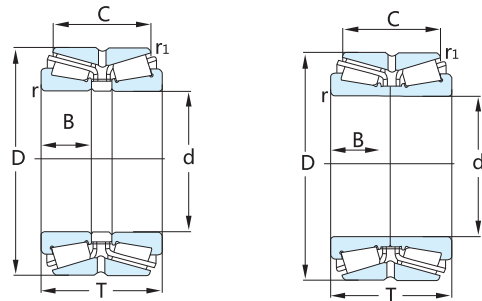
基本尺寸 Basic Size							代号 Code
d	D	T	B	C	r _{min}	r _{1min}	-
mm							
80	140	80	33	65	2.3	0.7	352216X2 352216
	140	78	33	63.5	2.5	0.6	
85	150	86	36	69	2.5	0.6	352217 352217X2
	150	84	36	66	2.5	0.5	
90	160	94	40	78	2.5	0.6	352218X2 351318
	190	103	43	70	4	1	
95	150	73	32	57	2	0.6	352020 350620
	165	112	52	88	2.5	0.5	
100	180	111	46	92	3	0.8	352220X2 350620D1 351320X1
	190	125	62.5	100	3	1.3	
	225	124	51	81	4	1	
105	190	115	50	95	3	1	352221 352221X2
	190	117	50	96	3	0.8	
110	150	80	30	63	0.8	0.3	350622 352022 352222X2 350222X2
	170	86	38	68	2.5	0.6	
	200	124	53	102	3	0.6	
	200	93	38	74	3	0.8	
120	180	88	38	70	2.5	0.6	352024 352224 352224X2 352224X2D 350624
	215	132	58	109	3	1	
	215	132	58	106	3	1	
	215	132	58	106	2.5	0.9	
	280	185	83.5	155	5	1.5	
130	200	65		52	2.5	0.6	130KBE030+L 32026/DF 352026X2 352926X2 352126X2 352226 352226X2
	200	90	90	34	0.6	2	
	200	95	42	75	2.5	0.7	
	180	70	30	56	2	0.5	
	214	115.6	48	98	2.3	0.7	
	230	145	64	117.5	4	1	
	230	149	64	120	4	0.8	
140	210	104	45	82	2.5	0.6	352028 352028X2 352128 351328 352228X2
	210	95	42	75	2.5	0.6	
	225	115	50	90	2.5	1	
	300	168	70	108	5	1.1	
	250	157	68	128	4	1	

内径 Inner Diameter	基本额定负荷 Basic load rating		额定转速 Speed Ratings		计算系数 Calculation Coefficient				质量 Mass
d	C	C ₀	参考转速 Reference Speed	极限转速 Limiting Speed	e	Y ₁	Y ₂	Y ₀	kg
mm	kN		r/min		-				
80	340	530	2100	2800	0.4	1.68	2.5	1.64	5.52
	340	530	2100	2800	0.42	1.61	2.39	1.57	4.9
85	390	620	2000	2700	0.42	1.61	2.39	1.57	5.85
	360	630	2000	2700	0.42	1.61	2.39	1.57	5.59
90	440	525	1900	2500	0.42	1.61	2.39	1.57	7.83
	530	760	1700	2200	0.83	0.83	1.22	0.8	12.3
95	295	560	1500	2000	0.46	1.47	2.19	1.44	4.14
	470	1010	1500	2000	0.41	1.66	2.47	1.63	8.31
100	670	840	1700	2200	0.42	1.61	2.39	1.57	11.6
	630	1050	1500	2000	0.36	1.85	2.76	1.81	14.9
	700	1040	1500	2000	0.83	0.82	1.22	0.8	21.4
105	675	1150	1600	2100	0.42	1.61	2.39	1.57	13.7
	675	1150	1600	2100	0.42	1.61	2.39	1.57	13.8
110	198	430	1300	1800	0.37	1.82	2.72	1.78	3.61
	395	740	1300	1800	0.43	1.57	2.34	1.53	6.65
	680	1150	1500	2000	0.42	1.61	2.39	1.57	16.5
	560	875	1500	2000	0.42	1.61	2.39	1.57	8.21
120	405	785	1500	2000	0.46	1.47	2.19	1.44	7.31
	770	1390	1400	1900	0.41	1.64	2.44	1.6	19.2
	770	1390	1400	1900	0.41	1.64	2.44	1.6	19.1
	770	1390	1400	1900	0.41	1.64	2.44	1.6	19.1
	1410	2250	1100	1500	0.39	1.74	2.59	1.7	54.5
130	320	540			0.39	2.6	1.7	1.7	6.64
	600	1210	1300	1800	0.43	1.55	2.31	1.52	10.5
	485	870	1300	1800	0.35	1.94	2.88	1.89	9.72
	280	565	1400	1900	0.27	2.49	3.71	2.43	4.87
	605	1070	1300	1700	0.32	2.13	3.17	2.08	15.7
	890	1760	1300	1700	0.44	1.55	2.31	1.52	24.1
	890	1760	1300	1700	0.44	1.55	2.31	1.52	27.4
140	580	1170	1200	1700	0.35	1.94	2.88	1.89	11.9
	500	950	1200	1700	0.35	1.94	2.88	1.89	8.36
	640	1180	1200	1700	0.34	2	2.98	1.96	15.5
	1280	1970	1000	1200	0.83	0.82	1.22	0.8	51.2
	1140	2080	1200	1600	0.44	1.55	2.31	1.52	31.7



基本尺寸 Basic Size							代号 Code
d	D	T	B	C	r _{min}	r _{1min}	-
mm							
150	210	80	36	62	2.5	0.7	352930X2
	250	138	60	112	2.5	1	352130
	270	169	73	138	4	1	352230X2
160	240	115	48	90	3	0.9	352032X2
	270	150	70	120	2.5	1	352132X2
	290	178	80	144	4	1	352232
165	290	150	70	125	3	1.3	350633/HCC9
170	230	82	36	65	2.5	0.7	352934X2
	260	84	84	33	2.5	1	370634X2
	260	120	54	95	3	0.9	352034X2
	280	150	66	120	2.5	1	352134
	310	192	86	152	5	1.1	352234
180	250	95	42	74	2.5	0.7	352936X2
	259.5	70	35	70	2.5	1	350636D1
	280	142	64	110	3	1	352036
	300	164	72	134	3	1	352136
	320	192	86	152	5	1.1	352236
190	260	95	42	75	2.5	0.7	352938X2
	290	134	60	104	3	0.9	352038X2
	320	170	76	130	3	1	352138X2
	340	204	92	160	5	1.5	352238
200	280	116	51	92	3	1	352940
	310	154	70	120	3	1	352040
	340	184	82	150	3	1	352140
	360	218	174	98	5	1.1	352240
220	300	110	48	88	3	0.8	352944X2

内径 Inner Diameter d mm	基本额定负荷 Basic load rating 动态dynamic 静态static		额定转速 Speed Ratings 参考转速 极限转速 Reference Speed Limiting Speed		计算系数 Calculation Coefficient				质量 Mass
	C	C ₀			e	Y ₁	Y ₂	Y ₀	kg
150	385	795	1200	1500	0.27	2.48	3.69	2.42	9.32
	865	1560	1100	1500	0.25	2.74	4.08	2.68	25.8
	1270	2330	1100	1500	0.44	1.55	2.31	1.52	39.4
160	745	1330	1100	1400	0.35	1.94	2.88	1.89	16.5
	965	1720	1000	1400	0.36	1.86	2.76	1.81	28.3
	1580	2970	920	1200	0.44	1.55	2.31	1.52	49.1
165	1210	2300	920	1200	0.31	2.2	3.27	2.15	41.1
170	420	890	1000	1400	0.28	2.39	3.56	2.34	8.11
	625	1160	830	1050	0.44				17.2
	755	1550	1000	1300	0.31	2.18	3.24	2.13	20
	1070	2000	950	1300	0.38	1.78	2.65	1.74	35.6
	758	1840	750	950	0.44	1.6	2.3	1.5	58.2
180	460	1060	1000	1300	0.37	1.84	2.74	1.8	13.3
	440	850	1000	1300	0.72	0.94	1.4	0.92	11.3
	1070	2220	940	1300	0.42	1.61	2.39	1.57	29.8
	1200	2350	890	1200	0.26	2.46	3.93	2.58	39.9
	1530	2750	890	1200	0.36	1.85	2.76	1.81	60
190	605	1450	940	1300	0.38	1.76	2.62	1.72	14.4
	930	1860	890	1200	0.37	1.83	2.72	1.79	28.8
	1320	2400	840	1100	0.31	2.15	3.2	2.1	52
	1830	3790	800	1000	0.44	1.53	2.28	1.5	75
200	750	1770	900	1200	0.39	1.72	2.56	1.68	21
	1260	2620	840	1100	0.43	1.57	2.34	1.53	41.9
	1810	3400	800	1100	0.25	2.74	4.08	2.68	63.8
	2350	4350	800	1100	0.41	1.66	2.47	1.62	93.3
220	705	1720	810	1100	0.31	2.18	3.24	2.13	21.2



基本尺寸 Basic Size							代号 Code
d	D	T	B	C	r _{min}	r _{1min}	-
mm							
220 (cont.)	340	164	72	130	4	1.1	352044X2 352144
	370	195	88	150	4	1.3	
240	320	101	48	82	3	1	352948X2 352048X2 352148
	360	165	72	130	4	1.1	
	400	210	95	163	3.7	1.3	
260	360	134	60	108	3	0.9	352952x2 352952 352052x2 45T524217C3 352152X2
	360	141	63.5	110	3	1	
	400	186	82	146	5	1.3	
	420	170	170	70	5	5	
	440	225	100	180	4	2.3	
280	380	134	60	108	3	0.9	352956x2 352056x2
	420	186	82	146	5	1.3	
300	420	160	72	128	4	1.1	352960x2 370660D 352060x2 351160
	440	105	105	35	4	4	
	460	210	95	165	5	1.3	
	500	205	90	152	5	1.5	
320	440	160	72	128	4	1	352964X2 352064x2 370664
	480	210	95	160	5	1.1	
	540	160	160	160	2	5	
340	460	160	72	128	4	1.1	352968x2 351068 351168
	520	180	82	135	5	1.5	
	580	242	106	170	5	1.5	
360	480	160	72	128	4	1	352972X2 351072 351172
	540	185	82	140	5	1.5	
	600	242	106	170	5	1.5	
380	520	145	65	105	4	1.1	351976 351076 351176
	560	190	82	140	5	1.5	
	620	242	106	170	5	1.5	
400	540	150	65	105	4	1.1	351980 351080 351180
	600	206	90	150	5	1.5	
	650	255	112	180	6	2.5	

内径 Inner Diameter d mm	基本额定负荷 Basic load rating 动态dynamic 静态static		额定转速 Speed Ratings 参考转速 极限转速 Reference Limiting Speed Speed r/min		计算系数 Calculation Coefficient				质量 Mass
	C	C ₀			e	Y ₁	Y ₂	Y ₀	kg
mm	kN				-				
220 (cont.)	1370	2730	760	1000	0.35	1.95	2.9	1.91	47.9
	1680	3200	760	1000	0.37	1.83	2.72	1.79	76.3
240	675	1550	760	1000	0.32	2.12	3.15	2.07	23.6
	1460	2890	690	920	0.31	2.15	3.2	2.1	52.8
	2060	4050	630	840	0.31	2.18	3.24	2.13	98.1
260	1010	2500	670	900	0.3	2.23	3.32	2.18	39.7
	1120	2550	670	900	0.41	1.66	2.47	1.62	39
	1750	3750	630	840	0.29	2.31	3.45	2.26	79.3
	2090	4300	630	840	0.48	1.41	2.09	1.37	88.4
	2410	4750	580	770	0.24	2.84	4.23	2.78	124
280	1030	2650	620	820	0.32	2.1	3.13	2.05	44
	1890	4000	580	770	0.37	1.83	2.72	1.79	82.7
300	1670	3614	580	770	0.28	2.39	3.56	2.34	60.8
	1020	2300	560	740	0.88	0.77	1.15	0.8	56.3
	2240	4800	560	740	0.36	1.85	2.76	1.81	118
	2400	4450	530	710	0.32	2.12	3.15	2.077	141
320	1650	3900	530	710	0.31	2.15	3.21	2.11	67.4
	2310	5750	530	710	0.46	1.47	2.19	1.44	124
	3000	5650	430	570	0.43	1.57	2.43	1.53	408
340	1540	4050	500	660	0.31	2.15	3.2	2.1	71
	2060	4100	480	640	0.29	2.35	3.5	2.3	127
	3100	6000	460	620	0.42	1.6	2.38	1.56	235
360	1640	2240	510	680	0.33	2.05	3.05	2	74.7
	2880	6300	460	620	0.37	1.82	2.7	1.78	120
	3410	6800	400	520	0.44	0.54	2.3	1.51	221
380	1660	3800	530	710	0.38	1.77	2.64	1.73	78.8
	2880	6300	410	540	0.39	1.75	2.61	1.71	137
	3410	6850	410	540	0.46	1.47	2.18	1.43	250
400	1650	3850	530	710	0.45	1.5	2.23	1.47	84.6
	2890	6300	410	540	0.38	1.78	2.65	1.74	179
	3630	7400	360	480	0.41	1.66	2.47	1.63	2.79