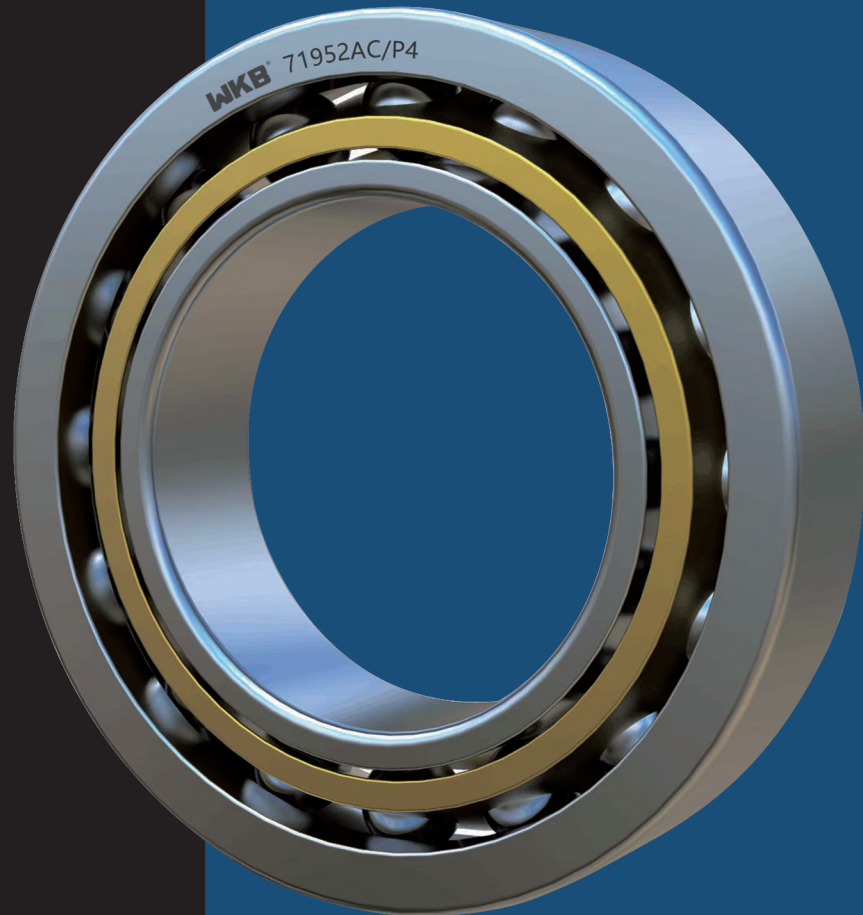


角接触球轴承

Angular Contact Ball Bearing



角接触球轴承的基本类型
Basic types of angular
contact ball bearings

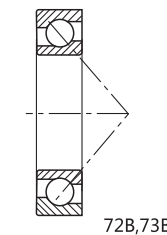
单列角接触球轴承能够承受径向和轴向载荷。这类轴承虽然只能承受单向的轴向载荷，但可以与另一个承受反向载荷的轴承组合使用。角接触球轴承是不能拆分的。角接触球轴承适用于高转速，它的自动调心能力非常有限。

The single-row angular contact ball bearing can bear the radial and axial loads. Although this kind of bearings can bear the one-way axial load only, but it can work together with another bearing which bears the opposite load. The angular contact ball bearing is non-detachable. The angular contact ball bearing is applicable to high rotation speed, and its self-aligning ability is very limited.

公差
Tolerance

72B和73B型WKB单列角接触球轴承的接触角为 40° ，因此它可以承受很大的轴向载荷。The contact angle of 72B and 73B type WKB single-row angular contact ball bearing is 40° ，therefore it can bear a bigger axial load.

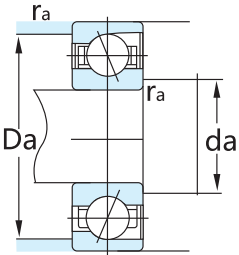
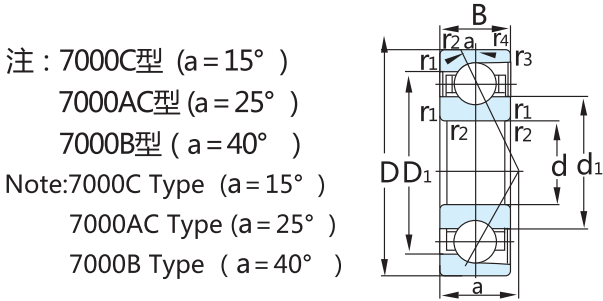
72B和73B型角接触球轴承按普通公差制造（公差等级PN，无后缀）。72B and 73B type angular contact ball bearings are manufactured with common tolerance (tolerance grade PN, without suffix).



允许转速
Permissible rotation
speed

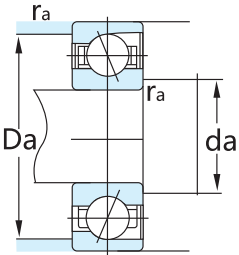
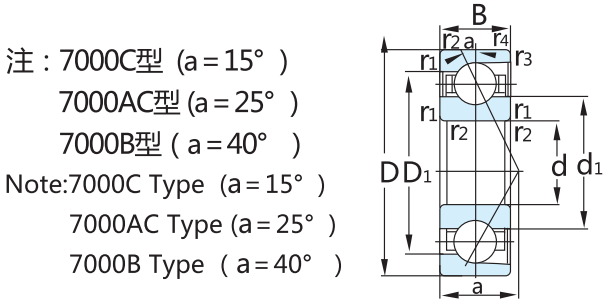
合适的工作条件下，轴承转速有可能高于参考转速，但不可能高于极限转速的数值。在制定热允许转速时，应充分考虑特殊工作环境的影响。如果表中的参考转速高于相应的极限转速，则不可以选取较高的数值。如果角接触球轴承被直接并排安装，要采取特殊的措施以达到单个轴承的高转速。

In proper working conditions, the bearing rotation speed may exceed the reference rotation speed, but may not exceed the value of limit rotation speed. The thermal allowable rotation speed shall fully consider the influence of special working environment. If the reference rotation speed in the table is higher than the relevant limit rotation speed, you may not choose the higher values. If the angular contact ball bearings are directly mounted side by side, the special measures should be taken to reach the high rotation speed of individual bearing.



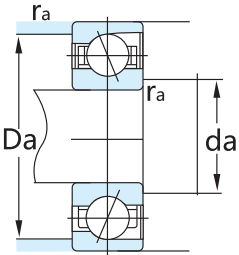
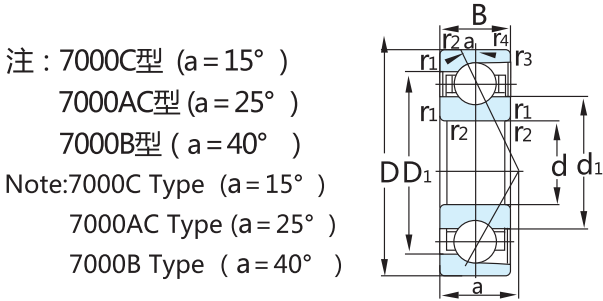
基本尺寸 Basic Size			基本额定负荷 Basic load rating		代号 Code	极限转速 Limiting Speed		质量 Mass
d	D	B	动态dynamic C	静态static C ₀		脂grease	油oil	
mm			kN		-	r/min		kg
70	125	24	75.4	62	7214ACM	5600	8000	1.24
	125	24	79.3	65	7214CT	8500	11000	1.26
	125	24	79.3	65	7214C	8500	11000	1.1
	150	35	134	100	7314CM	6500	8000	3.01
75	130	25	79.3	67	7215ACM	5600	7500	1.34
	130	25	78.7	66.5	7215C	6800	8500	1.2
	160	37	140	109	7315ACM	3800	5000	3.57
	160	37	125	97	7315B	2700	3800	3.3
80	140	26	126	82.5	7216C	3800	5000	1.45
	140	26	92.3	79	7216AC	5000	7100	1.45
	170	39	135	109	7316BM	3400	4500	4.15
	200	48	195	168	7416AC	2600	3800	7.18
85	180	41	146	122	7317BM	3000	4000	5.61
	180	41	165	137	7317ACM	3200	4300	4.99
90	160	30	117	100	7218ACM	4500	6000	2.39
	160	30	122	105	7218C	6300	9000	2.58
	190	43	135	152	7318AC	3000	4000	5.82
	225	54	233	214	7418ACM	2900	4000	11.6
95	145	24	53.5	69	7019ACM	5200	6300	1.44
	170	32	139	120	7219C	4800	6800	2.7
	170	32	116	101	7219B	3000	4000	3.24
	170	32	133	114	7219ACM	4300	5600	3.3
	200	45	168	150	7319BM	2900	3900	7.07
100	180	34	156	136	7220CM	5600	8000	3.3
	180	34	148	130	7220AC	4000	5300	3.3
	180	34	130	114	7220BM	2800	3800	4
	215	47	203	190	7320C	2400	3400	7.25
	215	47	210	198	7320AC	2600	3600	8.33
	215	47	190	177	7320B	1900	2700	7.25
105	190	36	148	137	7221C	2800	3800	3.95
	190	36	131	114	7221ACM	2800	3800	4.36
	190	36	148	137	7221B	2800	3800	3.95

尺寸 Dimensions						挡肩及倒角尺寸 Abutment and chamfer dimensions					计算系数 Calculation coefficient			
d	d ₁	D ₁	r _{1,2}	r _{3,4}	a	d _a	D _a	D _b	r _a	r _b	e	X	Y	Y ₀
mm			min	min		mm			max	max	-			
70			1.5	0.6	34.1	79	116		1.5					
			1.5	0.6	25.1	79	116		1.5					
			1.5	0.6	25.1	79	116		1.5					
			2.1	1.1	32.2	82	138		2					
75			1.5	0.6	36.4	84	121		1.5					
			1.5	0.6	26.2	84	121		1.5					
			2.1	1.1	45.9	87	148		2					
			2.1	1.1	67.8	87	148		2					
80			2	1.1	59	91	129		2					
			2	1	38.7	90	130		2					
			2.1	1.1	71.9	92	158		2					
			3	1.1	56.7	94	186		2.5					
85			3	1.1	76.1	99	166		2.5					
			3	1.1	76	99	166		2.5					
90			2	1	44.1	100	150		2					
			2	1	31.7	100	150		2					
			3	1.1	80	104	176		2.5					
			4	1.5	63.8	108	207		3					
95			1.5	0.6	40	93	135		1.5					
			2.1	1.1	33.8	107	158		2					
			2.1	1.1	71.7	107	158		2					
			2.1	2.1	46.9	107	158		2					
			3	1.1	84.4	109	186		2.5					
100			2.1	1.1	35.8	112	168		2					
			2.1	1.1	49.6	112	168		2					
			2.1	1.1	75.7	112	168		2					
			3	1.1	90	114	201		2.5					
			3	1.1	90	114	201		2.5					
			3	1.1	89.6	114	201		2.5					
105			2.1	1.1	80	117	178		2					
			2.1	1.1	80	117	178		2					
			2.1	1.1	80	117	178		2					



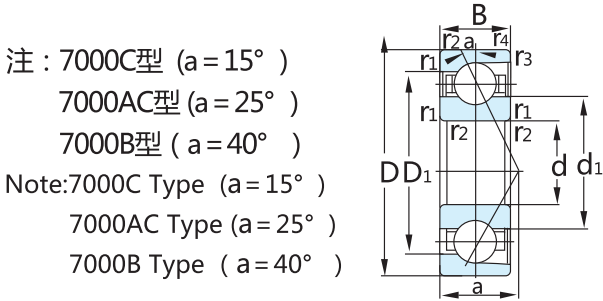
基本尺寸 Basic Size			基本额定负荷 Basic load rating		代号 Code	极限转速 Limiting Speed		质量 Mass
d	D	B	动态dynamic C	静态static C ₀		脂grease	油oil	
mm			kN		-	r/min		kg
105 (cont.)	225	49	203	193	7321C	2200	3200	8.45
	225	49	203	193	7321AC	2200	3200	8.45
	225	49	202	193	7321BM	2400	3200	9.51
110	200	38	185	171	7222C	5000	7100	4.65
	200	38	176	164	7222AC	3600	4800	4.65
	200	38	153	144	7222BM	2600	3400	4.65
	240	50	191	240	7322CM	3600	4800	9.85
	240	50	239	231	7322ACM	2600	3400	9.85
	240	50	213	212	7322B	1800	2400	9.85
120	180	28	100	107	7024ACM	3600	5000	2.62
	215	40	198	192	7224CM	2200	3200	6.1
	215	40	190	184	7224AC	2200	3200	6.1
	215	40	165	163	7224B	2200	3200	6.1
	260	55	178	288	7324CM	3400	4000	14.5
	260	55	265	269	7324AC	2200	3000	14.5
	260	55	251	262	7324B	1600	2200	14.5
	230	40	207	209	7226CM	2400	3200	6.95
	230	40	196	200	7226ACM	2400	3200	6.95
	230	40	170	175	7226BM	2200	3000	7.56
130	280	58	251	270	7326C	1800	2600	17.5
	280	58	251	270	7326AC	1800	2600	17.5
	280	58	250	268	7326B	1800	2400	17.9
	210	33	125	137	7028AC	3200	4300	3.85
	250	42	231	243	7228CM	4200	5000	8.85
	250	42	220	237	7228ACM	2200	3000	8.85
140	250	42	191	207	7228BM	2000	2800	8.85
	300	62	276	310	7328AC	1700	2400	21.5
	300	62	275	300	7328B	1600	2200	21.5
150	225	35	153	170	7030AC	1900	2800	4.7

尺寸 Dimensions						挡肩及倒角尺寸 Abutment and chamfer dimensions					计算系数 Calculation coefficient			
d	d ₁	D ₁	r _{1,2}	r _{3,4}	a	d _a	D _a	D _b	r _a	r _b	e	X	Y	Y ₀
mm	≈	≈	min	min		min	max	max	max	max	-			
105 (cont.)			3	1.1	94	119	211		2.5					
			3	1.1	94	119	211		2.5					
			3	1.1	93.7	119	211		2.5					
110			2.1	1.1	39.8	122	188		2					
			2.1	1.1	55.1	122	188		2					
			2.1	1.1	84	122	188		2					
			3	1.1	48.4	124	210		2.5					
			3	1.1	65.8	124	226		2.5					
			3	1.1	99.3	124	226		2.5					
120			2	1	49	130	170		2					
			2.1	1.1	90	132	203		2					
			2.1	1.1	98.1	137	199		2					
			2.1	1.1	90	132	203		2					
			3	1.1	52.9	134	246		2.5					
			3	1.1	71.8	134	246		2.5					
			3	1.1	107.2	134	246		2.5					
			3	1.1	44.1	144	216		2.5					
			3	1.1	62	144	216		2.5					
130			3	1	95.5	144	216		2.5					
			4	1.5	115	148	262		3					
			4	1.5	115	148	262		3					
			4	1.5	115.1	148	262		3					
			2	1	57.3	150	200		2					
			3	1.1	47.1	154	236		2.5					
140			3	1.1	66.5	154	236		2.5					
			3	1.1	103	154	236		2.5					
			4	1.5	123	158	282		3					
150			4	1.5	123	158	282		3					
			2.1	1.1	96	160	219		2					

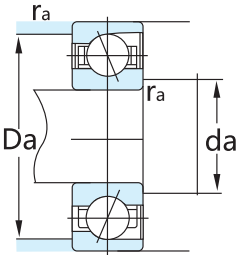


基本尺寸 Basic Size			基本额定负荷 Basic load rating		代号 Code	极限转速 Limiting Speed		质量 Mass
d	D	B	动态dynamic C	静态static C ₀		脂grease r/min	油oil r/min	
mm			kN		-			kg
150 (cont.)	270	45	242	268	7230AC	2000	2800	12.1
	270	45	195	222	7230BM	1700	2400	11.5
	320	65	359	429	7330AC	1800	2400	26
	320	65	317	380	7330B	2300	2000	26
160	240	38	161	183	7032ACM	1800	2200	5.95
	290	48	250	289	7232AC	1900	2600	14.5
	290	48	263	304	7232C	2900	3600	14.5
170	310	52	306	371	7234AC	1800	2400	17.5
	310	52	266	325	7234B	1600	2200	17.5
	360	72	430	491	7334AC	1400	1900	36.6
	360	72	380	495	7334B	1350	1800	36
180	280	46	190	235	7036B	1650	2200	10
	320	52	317	399	7236AC	1700	2200	18
	320	52	333	418	7236C	2700	3200	18
	380	75	455	605	7336AC	1300	1800	42.5
	380	75	404	536	7336B	1300	1800	37
190	290	46	215	263	7038AC	1800	2400	10.5
	340	55	257	430	7238AC	1500	2000	22.4
	340	55	276	355	7238B	1400	1900	22
	400	78	410	560	7338AC	1200	1700	48.5
	400	78	430	600	7338B	1150	1600	48.5
200	420	80	475	670	7340AC	1100	1600	56.3
	420	80	450	660	7340B	1000	1500	53
220	340	56	239	318	7044B	1300	1800	18
	400	65	423	605	7244AC	1100	1600	37
	460	88	480	730	7344B	1000	1400	71
240	360	56	250	380	7048B	1150	1600	19.5
	440	72	519	626	7248B	1000	1500	50.9
	500	95	540	850	7348B	850	1200	89

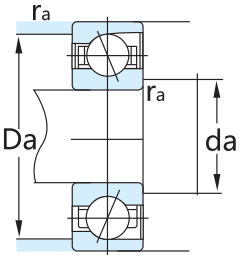
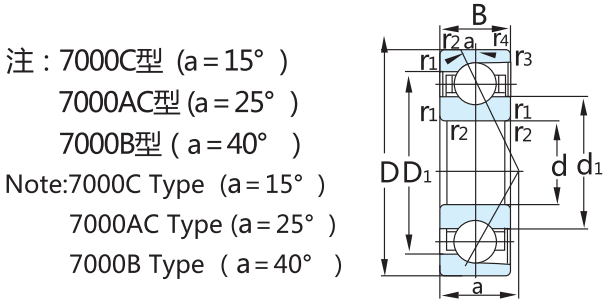
尺寸 Dimensions						挡肩及倒角尺寸 Abutment and chamfer dimensions					计算系数 Calculation coefficient			
d	d ₁	D ₁	r _{1,2}	r _{3,4}	a	d _a	D _a	D _b	r _a	r _b	e	X	Y	Y ₀
mm	≈	≈	min	min		min	max	max	max	max	-			
150 (cont.)			3	1.1	71.5	164	256		2.5					
			3	1.1	111	164	256		2.5					
			4	1.5	87.6	168	302		3					
			4	1.5	131	168	302		3					
160			2.1	1.1	65.6	172	228		2					
			3	1.1	76.5	174	276		2.5					
			3	1.1	54.1	174	276		2.5					
170			4	1.5	82	188	292		3					
			4	1.5	126.7	187	293		3					
			4	1.5	147	187	343		3					
			4	1.5	147	188	342		3					
180			2.1	1.1	119	192	268		2					
			4	1.5	84.3	198	302		3					
			4	1.5	59.5	198	302		3					
			4	1.5	156	197	363		3					
			4	1.5	155	198	362		3					
190			2.1	1.1	78	202	278		2					
			4	1.5	89.3	222	324		3					
			4	1.5	139	208	322		3					
			5	2	164	212	378		4					
			5	2	164	212	378		4					
200			5	2	170	220	400		4					
			5	2	170	220	400		4					
220			3	1.1	145	234	326		2.5					
			4	1.5	104.7	238	382		3					
			5	2	187	242	440		4					
240			3	1.1	154	256	345		2.5					
			4	1.5	178.5	258	411		3					
			5	2	203	262	481		4					



基本尺寸 Basic Size			基本额定负荷 Basic load rating		代号 Code	极限转速 Limiting Speed		质量 Mass
d	D	B	C	C ₀	-	脂grease 油oil		kg
mm			kN		-	r/min		
260	320	28	127	190	71852AC	1400	1900	4.85
	360	46	260	380	71952AC	900	1400	13.5
	480	80	495	790	7252B	850	1200	67
280	350	33	156	240	71856AC	1200	1700	7.2
	380	46	268	405	71956AC	800	1300	15.7
	420	65	351	550	7056C	1000	1500	30
	420	65	332	507	7056AC	900	1400	30
	420	65	310	500	7056B	900	1300	31
	500	80	500	840	7256B	800	1200	70.5
300	460	74	410	690	7060C	950	1300	43
	460	74	400	665	7060AC	950	1400	46.5
	460	74	360	620	7060B	900	1200	43
	540	85	553	930	7260B	850	1200	86.5
320	480	74	416	700	7064AC	800	1100	47.5
	480	74	391	651	7064B	850	1200	44.5
	580	92	624	1120	7264B	750	1000	110
340	420	38	196	325	71868AC	950	1400	11.4
	460	56	330	575	71968AC	900	1350	27
	460	56	296	530	71968B	850	1200	27
	520	82	510	1050	7068AC	800	1100	61.5
	520	82	449	815	7068B	800	1100	61.5
	620	92	685	1320	7268B	700	1000	128
360	440	38	228	430	71872AC	1800	2650	12.5
	480	56	340	630	71972AC	900	1300	29.5
	480	56	290	540	71972B	850	1000	29.5

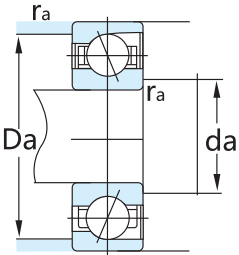
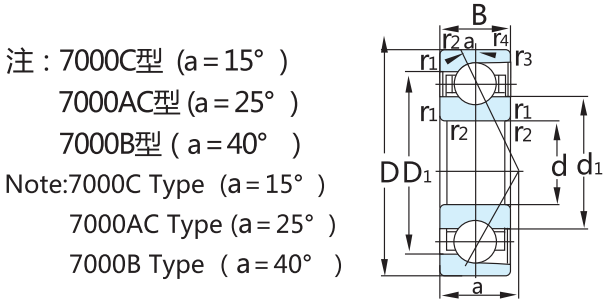


尺寸 Dimensions						挡肩及倒角尺寸 Abutment and chamfer dimensions					计算系数 Calculation coefficient			
d	d ₁	D ₁	r _{1,2}	r _{3,4}	a	d _a	D _a	D _b	r _a	r _b	e	X	Y	Y ₀
mm	≈	≈	min	min		min	max	max	max	max	-			
260			2	1.1	98	270	310		2					
			2.1	1.1	95.3	291	348		2					
			5	2	195	280	460		4					
280			2	1	107	290	340		2					
			2.1	1.1	99.9	292	368		2					
			4	1.5	134	298	402		3					
			4	1.5	179	298	402		3					
			4	1.5	179	296	406		3					
			5	2	204	300	480		4					
300			4	1.5	147	318	442		3					
			4	1.5	147	317	443		3					
			4	1.5	196	318	442		3					
			5	2.1	219	322	518		4					
320			4	1.5	130	385	445		3					
			4	1.5	205	338	462		3					
			5	2	236	342	558		4					
340			2.1	1.1	129	351	409		2					
			3	1.1	126	354	446		2.5					
			3	1.1	196	354	446		2.5					
			5	2	141.3	360	500		4					
			5	2	223	362	498		4					
			6	3	248	366	593		5					
360			2.1	1.1	112	371	430		2					
			3	1.1	126	374	468		2.5					
			3	1.1	204	374	468		2.5					



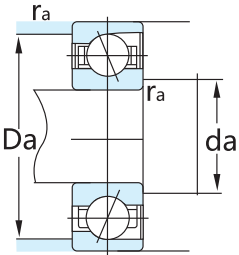
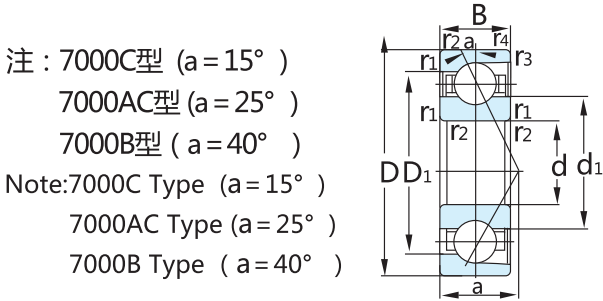
基本尺寸 Basic Size			基本额定负荷 Basic load rating		代号 Code	极限转速 Limiting Speed		质量 Mass
d	D	B	动态dynamic C	静态static C ₀		脂grease	油oil	
mm			kN		-	r/min		kg
360 (cont.)	540	82	515	913	7072AC	1000	1300	62.5
	540	82	441	824	7072B	750	1000	62.5
	650	95	635	1240	7272B	700	950	152
380	480	31	185	340	70876A	860	1200	13.5
	480	46	285	495	71876AC	860	1200	18.5
	520	65	415	760	71976AC	800	1100	41.5
	560	82	495	940	7076A	810	1100	66
	560	82	455	880	7076B	760	1000	66
400	540	65	420	780	71980AC	800	1100	44.3
	600	90	585	1120	7080C	750	1000	85
	600	90	590	1170	7080A	740	1000	91.5
	600	90	515	1010	7080B	710	960	91.5
	720	103	728	1500	7280B	600	800	190
420	560	65	410	820	71984A	810	1100	46.5
	560	65	355	670	71984B	810	1100	46.5
	620	90	590	1160	7084A	710	960	97
	620	90	525	1040	7084B	680	910	93
440	650	94	635	1300	7088A	710	960	100
	650	94	560	1170	7088B	630	840	100
460	580	37	259	550	70892A	760	1000	25.5
	580	56	362	760	71892A	760	1000	34.5
	580	56	335	635	71892AC	750	1000	34.8
	680	100	675	1450	7092A	670	910	121
480	680	100	605	1280	7092B	610	800	121
	700	100	685	1540	7096A	630	840	126
480	700	100	610	1330	7096B	550	740	126

尺寸 Dimensions						挡肩及倒角尺寸 Abutment and chamfer dimensions					计算系数 Calculation coefficient			
d	d ₁	D ₁	r _{1,2}	r _{3,4}	a	d _a	D _a	D _b	r _a	r _b	e	X	Y	Y ₀
mm	≈	≈	min	min		mm	mm	mm	max	max	-			
360 (cont.)			5	2	171	382	518		4					
			5	2	230	382	518		4					
			6	3	261	387	624		5					
380			2	1	142	390	470		2					
			2.1	1.1	123	392	470		2					
			4	4	222	395	505		3					
			5	2	177	399	541		4					
			5	2	238	399	541		4					
400			4	4	168	415	525		3					
			5	2	189	422	578		4					
			5	2	189	418	580		4					
			5	2	255	418	580		4					
			6	3	287	428	692		5					
420			4	1.5	174	436	545		3					
			4	1.5	238	436	545		3					
			5	2	195	439	601		4					
			5	2	263	440	602		4					
440			6	3	204	464	626		5					
			6	3	276	464	626		5					
460			2.1	1	169	472	568		2					
			3	3	178	474	566		2.5					
			3	1.1	169	471	569		2					
			6	3	215	484	656		5					
			6	3	289	484	656		5					
480			6	3	220	503	677		5					
			6	3	298	503	677		5					



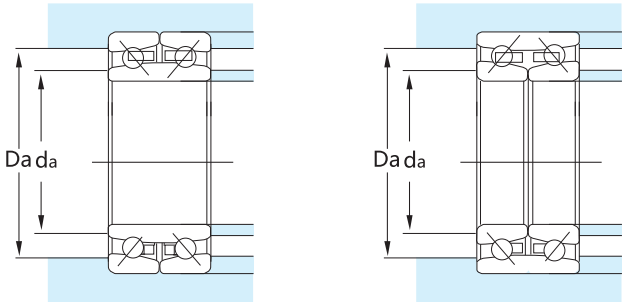
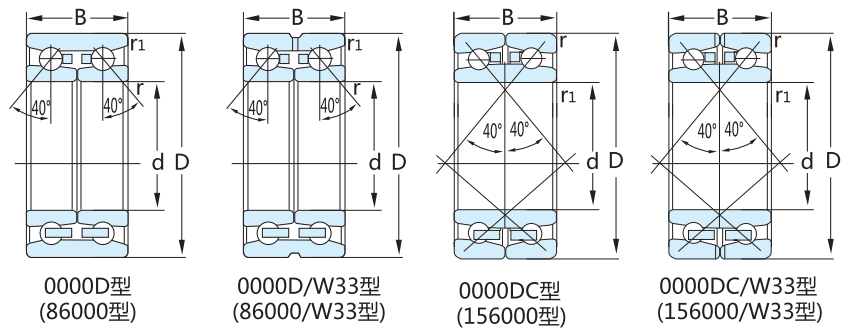
基本尺寸 Basic Size			基本额定负荷 Basic load rating		代号 Code	极限转速 Limiting Speed		质量 Mass
d	D	B	动态dynamic C	静态static C ₀		脂grease	油oil	
mm			kN		-		r/min	kg
500	620	37	270	610	708/500A 718/500AMB	660	890	27.5
	620	56	390	810		600	850	38
	670	78	540	1210	719/500A	620	850	78
	720	100	700	1610	70/500A 70/500B	610	810	132
	720	100	620	1410		550	760	132
530	650	56	350	715	718/530AC 718/530AC	630	850	40.1
	650	56	380	890		620	840	39.5
	710	82	600	1350	719/530AC	610	810	93
	780	112	815	1880	70/530A 70/530B	550	740	178
	780	112	725	1690		510	680	193
560	680	56	385	920	718/560A 719/560A 70/560A	600	810	42
	750	85	580	1270		550	740	107
	820	115	880	2140		520	710	195
600	730	42	330	730	708/600A 718/600B 718/600ACM	560	740	39
	730	60	405	880		720	760	54.6
	730	60	405	880		720	760	54.6
	800	90	700	1720	719/600AC	540	710	125
	870	118	865	2150	70/600A	470	620	230
670	820	69	540	1280	718/670AC 718/670B	490	640	80
	820	69	527	1250		480	630	80
	980	136	1140	3180	70/670A	470	630	345
710	870	74	555	1350	718/710AC 718/710AC	450	600	96.4
	870	74	530	1290		450	600	99.9
	950	106	830	2220	719/710AC	450	600	200
	1030	140	1160	3200	70/710A	400	530	375
750	920	78	630	1850	718/750AC 718/750AC	400	530	112
	920	78	610	1510		400	530	115
	1090	150	1270	3630	70/750A	350	470	450

尺寸 Dimensions						挡肩及倒角尺寸 Abutment and chamfer dimensions					计算系数 Calculation coefficient			
d	d ₁	D ₁	r _{1,2}	r _{3,4}	a	d _a	D _a	D _b	r _a	r _b	e	X	Y	Y ₀
mm	≈	≈	min	min		min	max	max	max	max	-			
500			2.1	1.1	180	512	610		2					
			3	1.1	190	513	607		2.5					
			5	2	208	520	651		4					
			6	3	226	526	696		5					
			6	3	306	526	696		5					
530			3	3	198	543	637		2.5					
			3	1.1	198	543	637		2.5					
			5	2	186	559	691		4					
			6	3	245	554	756		5					
			6	3	332	554	756		5					
560			3	1.1	207	574	668		2.5					
			5	2	232	578	733		4					
			6	3	257	584	798		5					
600			3	1.1	212	613	717		2.5					
			3	1.1	185	614	716		2.5					
			3	1.1	185.1	613	717		2.5					
			5	2	208	620	781		4					
			6	3	273	624	845		5					
670			4	1.5	208	686	804		3					
			4	1.5	250	688	802		3					
			7.5	4	306	699	951		6					
710			4	4	265	725	855		3					
			4	1.5	265	725	855		3					
			6	3	247	734	926		5					
			7.5	4	321	739	1000		6					
750			5	2	234	768	901		4					
			5	2	234	768	902		4					
			7.5	4	341	779	1062		6					



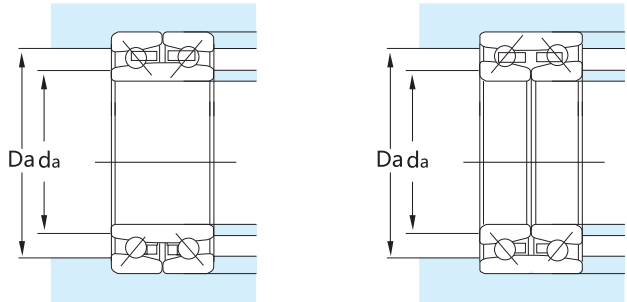
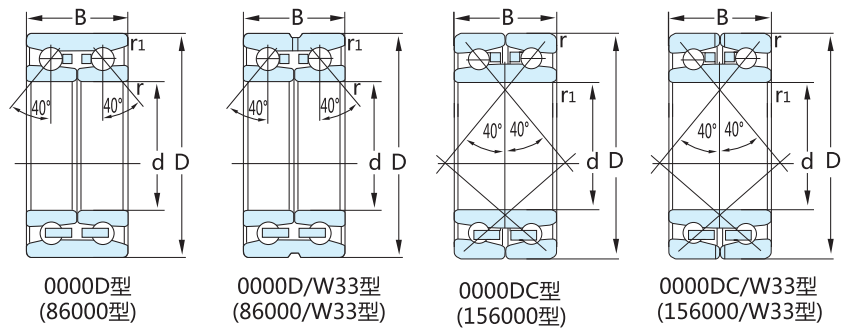
基本尺寸 Basic Size			基本额定负荷 Basic load rating		代号 Code	极限转速 Limiting Speed		质量 Mass
d	D	B	动态dynamic C	静态static C ₀		脂grease	油oil	
mm			kN		-		r/min	kg
800	1150	155	1320	3780	70/800A	330	440	510
850	1030	82	670	1800	718/850AC	340	450	140
	1220	165	1490	4600	70/850A	290	400	605
900	1280	170	1520	4980	70/900A	270	370	675
950	1360	180	1590	5150	70/950A	250	350	805
1000	1220	100	830	2460	718/1000A	260	360	245
	1320	103	832	2450	307101C	240	340	370
	1420	185	1590	5450	70/1000A	210	310	905
1060	1500	195	1640	5650	70/1060A	200	310	1060
1120	1360	106	1030	3700	718/1120A	190	290	329
	1580	200	1680	5800	70/1120A	180	280	1160
1180	1660	212	1700	6000	70/1180A	170	230	1350
1250	1500	80	780	2650	708/1250A	180	250	300
	1500	112	1110	3900	718/1250A	180	250	395
	1750	218	1740	6500	70/1250A	160	220	1600

尺寸 Dimensions						挡肩及倒角尺寸 Abutment and chamfer dimensions					计算系数 Calculation coefficient			
d	d ₁	D ₁	r _{1,2}	r _{3,4}	a	d _a	D _a	D _b	r _a	r _b	e	X	Y	Y ₀
mm	≈	≈	min	min		min	max	max	max	max	-			
800			7.5	4	359	830	1120		6					
850			5	5	312	868	1012		4					
			7.5	4	381	880	1191		6					
900			7.5	4	400	930	1251		6					
950			7.5	4	424	979	1331		6					
			6	3	370	1023	1197		5					
1000			6	6	458	1028	1292		5					
			7.5	4	442	1029	1390		6					
1060			9.5	5	467	1095	1465		8					
1120			6	3	411	1145	1336		5					
			9.5	5	497	1155	1545		8					
1180			9.5	5	516	1215	1625		8					
1250			6	3	437	1275	1476		5					
			6	3	453	1275	1476		5					
			9.5	5	542	1284	1716		8					



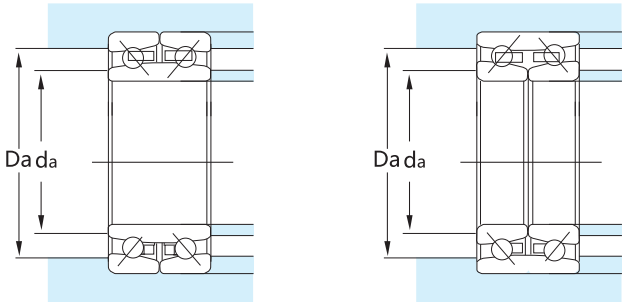
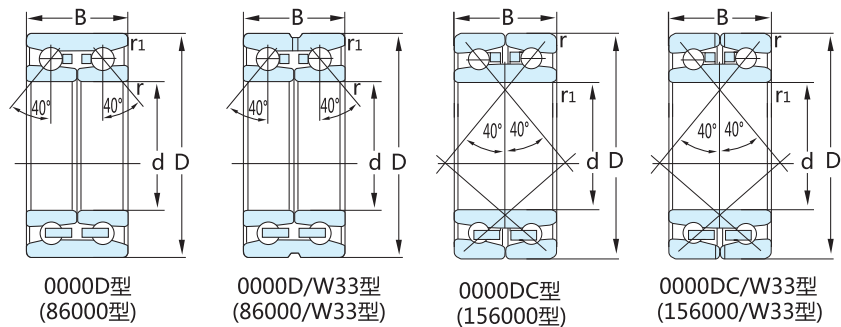
基本尺寸 Basic Size					基本额定负荷 Basic load rating		代号 Code
d	D	B	r _{min}	r _{1min}	动态dynamic C	静态static C ₀	
mm					kN		
70	125	39.7	1.5		83	76.5	3214
	150	63.5	2.1		180	168	
90	160	52.4	2		125	170	3218
	190	73	3		216	275	
100	180	60.3	2.1		198	215	3220YM
105	190	65.1	2.1		180	245	3221M
110	240	92.1	3		358	429	3322M
	200	69.8	2.1		204	280	
120	180	56	2		120	182	4024X2D
	180	60	2		110	183	
	190	66	2		179	237	
	190	66	2		179	237	
	215	80	2.1		200	293	
130	200	75	2		150	200	4026X2D
140	209.5	66	2		146	249	4028X3D
	209.5	66	2		146	249	
	210	69	2		146	249	
	210	69	2		146	249	
150	215	50	2		126	188	4932X3DM
	225	73	2		199	275	
	225	73	2		199	275	
	225	73	2		199	275	
	225	75	2.1		199	275	
	230	70	2.1		185	250	
	270	90	3		225	405	
160	215	56	2		97	166	4932X2DC
	239.8	76	2.1		191	340	
	240	58	2.1		155	268	
	240	76	2.1		225	315	
	240	80	2.1		210	289	
	249.5	84	2.1		210	385	
170	230	56	2		105	162	4934X3DC
	259.5	84	2.1		250	355	
	260	84	2.1		250	355	

极限转速 Limiting Speed		安装尺寸 Installation					质量 Mass
脂grease	油oil	d _a min	D _a max	D _b max	r _a max	r _b max	
r/min		mm					
3200	4300	79	116		1.5		1.9
	4300	87	137		2		5.26
3200	4300	104	146		2		4.28
	3400	104	176		2		9.25
2000	2700	122	168		2		6.46
2000	2700	117	178		2		7.78
1800	2400	124	226		2.5		19.9
	2900	122	188		2		9.23
1800	2900	137			2		6
	2900	137	169		2		6.1
	2500	140			2		7.5
	3600	133	175.8		2		7.5
	3600	139	188		2		13.2
	2900	139	188		2		13.2
2200	3200	140	190		2		9.1
1700	2300	160			2		8.4
	2300	153	191		2		8.4
	2300	160			2		8.8
	2300	153	191		2		8.8
	2300	153	191		2		8.8
1600	2200	171	207		2		5.15
	3200	164	212		2		6.8
	3200	164	212		2		6.8
	3200	164	212		2		6.8
	3200	164	212		2		8
	3200	162	218		2		10.7
	2000	189			2.5		23.3
	2000	189			2.5		23.3
	2000	189			2.5		23.3
1450	2000	172	199		2		8.6
	1850	176	220		2		12
	1850	184			2		9.7
	2500	172	228		2		13.5
	2500	172	228		2		12
	1850	178	224		2		15
	1850	178	224		2		15
	1850	178	224		2		15
1450	1850	183	212		2		7
1600	2100	188	241		2		15
1600	2100	188	241		2		15



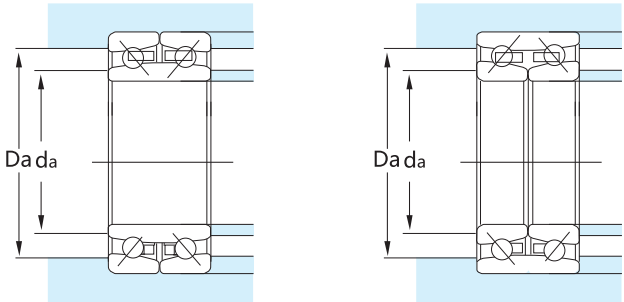
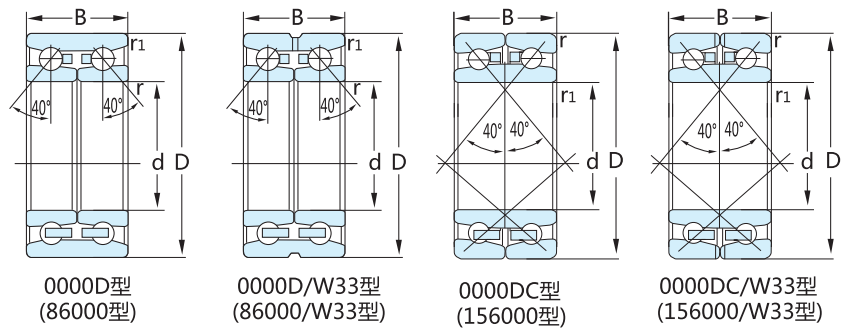
基本尺寸 Basic Size					基本额定负荷 Basic load rating		代号 Code
d	D	B	r _{min}	r _{1min}	动态dynamic C	静态static C ₀	
mm					kN		
170 (cont.)	260	84	2.1		207	385	4034X2DC 4034D
	260	90	2.1		250	355	
180	259.5	66	2.1		281	313	4936X3DM 4936X3D-1 4936X3DM/W33 4936X3DM/W34 4036X3DC 4036DMX2/W33 4036X2DN1/W33 4036DM/W33
	259.5	60	2		134	269	
	259.5	66	2.1		216	312	
	259.5	66	2		281	313	
	259.5	80	2.1		281	313	
	280	92	2.1		275	400	
	280	92	2.1		275	400	
	280	100	2.1		275	400	
190	269.5	66	2.1		220	324	4938X3DM 4938X3DM/W33 4038DC 4038DM
	269.5	66	2.1		220	324	
	290	92	2.1		308	470	
	290	100	2.1		308	470	
200	279.5	76	2.1		206	400	4940X3D 4940X3D/W33 4940X3DC 4040X3DC-1 4940X3D-1 4940X3D-1/W33 4040X3D 4040X3DC 4040D
	279.5	76	2.1		206	400	
	280	76	2.1		206	400	
	280	80	2.1		206	400	
	289.5	76	2.1		226	458	
	289.5	76	2.1		226	458	
	309.5	102	2.1		286	419	
	310	96	3		370	575	
	310	109	2.1		343	538	
220	309.5	76	2.1		250	381	4944X3DM 4944X3DM/W33 2044X3D 4044DM/W34 4044D
	309.5	76	2.1		250	381	
	329.5	76	3		226	470	
	340	118	3		359	596	
	340	118	3		385	645	
230	329.5	80	1.1		340	570	4646DCM 4646DCM-1
	329.5	80	1.1		340	570	

极限转速 Limiting Speed		安装尺寸 Installation					质量 Mass
脂grease	油oil	d _a min	D _a max	D _b max	r _a max	r _b max	
r/min		mm					kg
1600	2100	182	248		2		16.1
		181	249		2		16.1
1400	1800	192	248		2		11.1
		192	248		2		11
		192	248		2		11
		192	248		2		11
		192	268		2		14.5
		192	268		2		20.9
		192	268		2		20.9
		192	268		2		24
		192	268		2		24
1350	1700	202	258		2		12.5
		202	258		2		12.5
		202	278		2		23
		202	278		2		26.2
1100	1400	224			2		15
		224			2		15
		214	256		2		15.2
		214	256		2		16
		227			2		15.5
		227			2		15.2
		234			2		33
		214	296		2.5		29.5
		212	298		2		33.1
		212	298		2		33.1
1100	1500	232	298		2		22.1
		232	298		2		22.1
		257			2.5		21.4
		234	326		2.5		36.7
		234	326		2.5		37.5
950	1400	242	317		2		23.5
		242	317		2		23.5



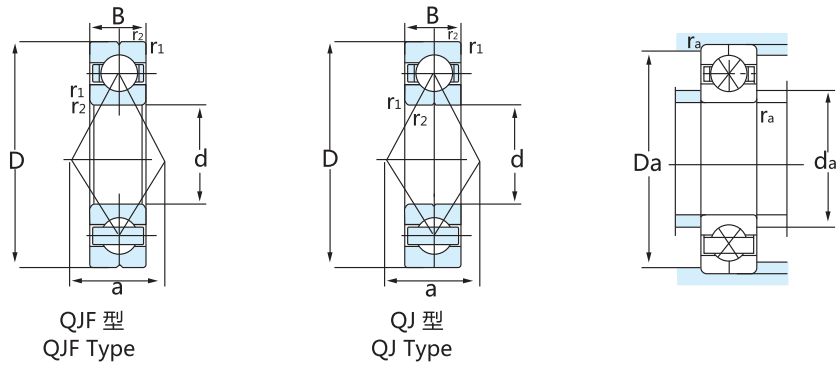
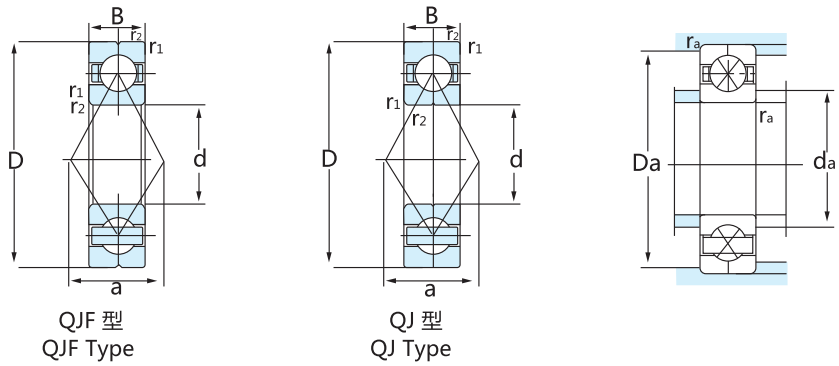
基本尺寸 Basic Size					基本额定负荷 Basic load rating		代号 Code
d	D	B	r _{min}	r _{1min}	动态dynamic C	静态static C ₀	
mm					kN		
230 (cont.)	329.5	80	3		242	500	4946X3D
	329.5	80	3		242	500	4946X3D/W33
240	359.5	118	3		470	650	4048X1DM
	360	118	3		470	650	4048DM
	370	112	3		315	700	4048X3D
	360	92	4		264	587	4952X2D/W33
260	369.5	92	4		373	662	4952X3DM
	369.5	92	4		373	662	4952X3DM/W33
	400	130	4		470	855	4052X2
	400	140	4		450	830	4052DM
280	389.5	92	4		377	683	4956X3D-1
	389.5	92	4		377	683	4956X3D-1/W33
	389.5	92	4		377	683	4956X3DC/W33
	390	92	4		377	683	4956X3D
	390	92	4		377	683	4956X3D/W33
	389	92	4		380	670	4056X3DC
	420	140	4		500	950	4056D
300	419.5	112	2.1		423	791	4960X3D
	459.5	100	4		425	820	4960X3DC/W33
	459.5	112	4		425	820	4060X2D/W33
	460	148	4		425	820	4060X2D/W33
	460	148	2.1		425	820	4060X2DC/W33
	460	160	4		470	1260	4060D
320	440	112	2.1		460	920	4964X2DM
	459.5	140	4		400	1020	4064X3D/W33
	480	160	4		505	1360	4064D
340	460	112	3		448	1060	4968X2D/W33
	520	180	5		600	1720	4068D
	520	180	5		600	1720	4068D/W33
360	480	112	3		488	1100	4972X2D/W33

极限转速 Limiting Speed		安装尺寸 Installation					质量 Mass
脂grease	油oil	d _a min	D _a max	D _b max	r _a max	r _b max	
r/min		mm					
850	1100	251	300		2.5		23.5
850	1100	251	300		2.5		23.5
	1250	254	346		2.5		44
900	1250	254	346		2.5		44
850	1100	280			2.5		46
850	1100	289			2.5		29.3
800	1200	278	352		3		31.3
800	1200	278	352		3		31.3
800	1100	278	352		3		60.2
800	1100	278	352		3		60.7
750	1100	298	372		3		35
750	1100	298	372		3		35
750	1100	298	372		3		35
750	1100	298	372		3		40
750	1100	298	372		3		40
750	1100	298	372		3		32.9
750	1100	292	377		3		66.3
700	1000	342	408		2		50.5
750	1000	329	412		3		66.5
750	1000	329	412		3		68
750	1000	350			3		84.4
750	1000	335	411		3		84.4
640	960	348	442		3		97.9
630	850	332	428		2		53.2
750	1000	362			3		80
700	950	365			3		98
700	950	376			2.5		54
700	950	391			4		130.5
700	950	391			4		130.5
670	900	396			2.5		57



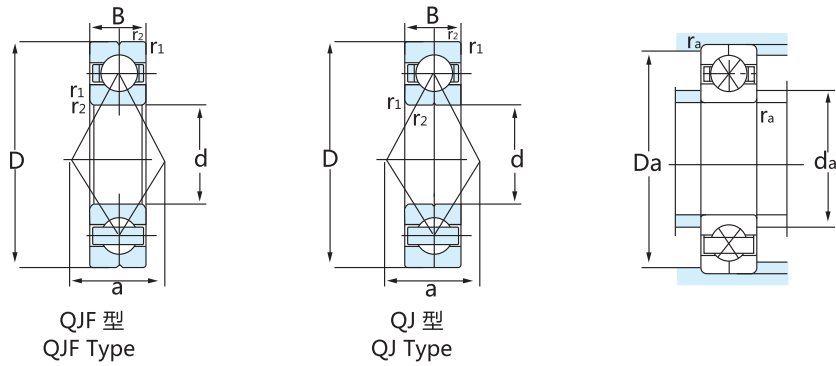
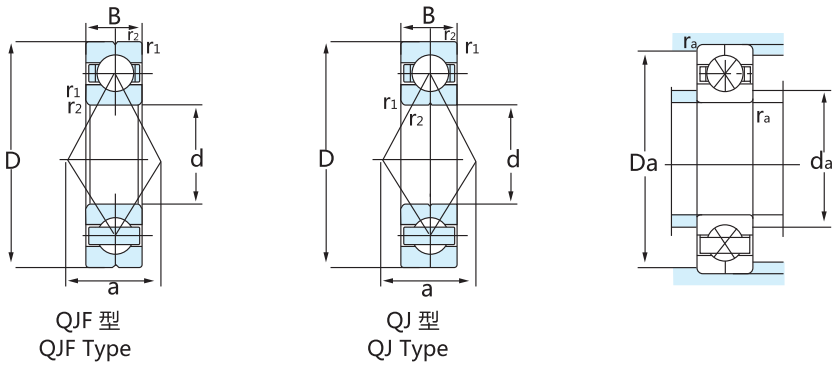
基本尺寸 Basic Size					基本额定负荷 Basic load rating		代号 Code
d	D	B	r _{min}	r _{1min}	动态dynamic C	静态static C ₀	
mm					kN		
360 (cont.)	540	164	5		741	1700	4072X2D/W33
380	520	130	4		420	1170	4976X2D/W33
	560	164	5		468	1520	4076X2D/W33
400	540	130	4		530	1210	4980X2D/W33
	600	180	5		952	2000	4080X2D/W33
420	560	130	4		590	1300	4984X2D/W33
	620	180	5		870	2100	4084X2D/W33
440	650	188	6		720	2340	4088X2D/W33
460	620	148	4		810	2000	4992X2D/W33
	680	200	6		1100	2800	4092X2D/W33
480	700	200	6		1000	2600	4096X2D/W33
500	670	156	5		860	2400	49/500X2D/W33
	720	200	6		1020	2700	40/500X2D/W33
530	760	200	6		815	2890	49/530X2DC/W33
	778	224	3		1150	3400	40/530X3DC/W33
560	750	190	5		950	2500	49/560D/W33
	820	230	6		900	2100	40/560X2D/W33

极限转速 Limiting Speed		安装尺寸 Installation					质量 Mass
r/min		d _{a min} mm	D _{a max}	D _{b max}	r _{a max}	r _{b max}	kg
630	850	414			4		125
670	900	422			3		83
600	800	434			4		133
600	800	442			3		84
560	750	460			4		170
560	750	462			3		89
530	700	480			4		177
500	670	502			5		200
950	1400	508			3		116
480	630	526			5		240
480	630	546			5		240
500	670	551			4		156
450	600	566			5		260
480	630	572	690		5		274.5
400	520	548	760		2		365
450	600	617			4		230
430	560	638			5		390



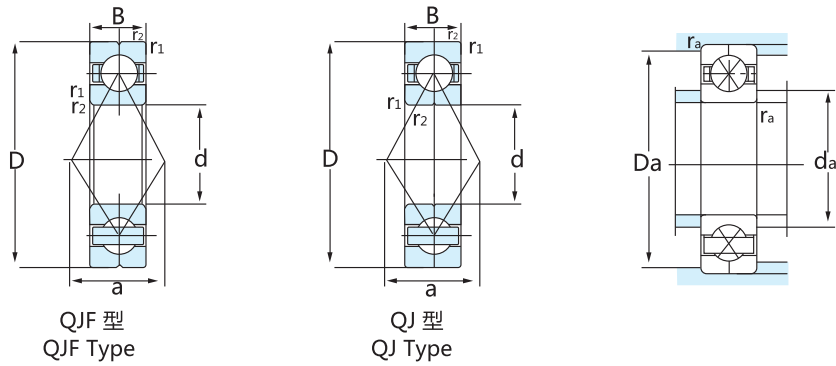
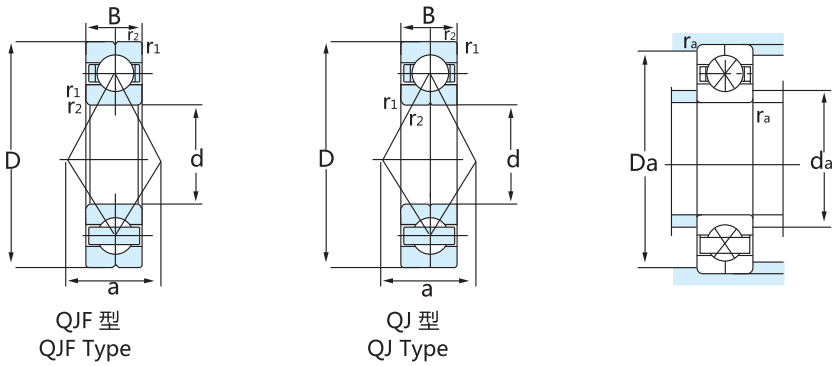
基本尺寸 Basic Size				基本额定负荷 Basic load rating 动态dynamic 静态static		代号 Code
d	D	B	r1.2min	C	C ₀	-
mm				kN		
70	150	35	2.1	200	180	QJ314N2MA
80	170	39	2.1	232	228	QJ316N2MA
90	190	43	3	285	305	QJ318N2MA
	190	43	3	285	305	QJ318N2PHAS
100	150	24	1.5	106	134	QJ1020MA
	180	34	2.1	236	265	QJ220N2MA
	215	47	3	345	400	QJ320N2MA
110	200	38	2.1	280	325	QJ222N2MA
	240	50	3	390	480	QJ322N2MA
120	180	28	2	148	196	QJ1024N2MA
	215	40	2.1	286	340	QJ224N2MA
	260	55	3	415	530	QJ324N2MA
130	200	33	2	182	240	QJ1026N2MA
	230	40	3	310	400	QJ226N2MA
	280	58	4	455	610	QJ326N2MA
140	209.5	33	2	190	265	QJF1028X1
	210	33	2	190	265	QJ1028
	210	33	2	190	265	QJF1028
	250	42	3	345	475	QJ228N2MA
	300	62	4	500	695	QJ328N2MA
150	224.5	35	2.1	216	305	QJ1030X1
	224.5	35	2.1	216	305	QJF1030X1
	225	35	2.1	216	305	QJ1030
	225	35	2.1	216	305	QJF1030
	270	45	3	400	570	QJ230N2MA
	270	45	3	400	570	QJF230N2MA
	320	65	4	530	765	QJ330N2MA
	320	65	4	530	765	QJF330N2MA
160	239.5	38	2.1	247	355	QJF1032X1
	240	38	2.1	247	355	QJ1032N2MA
	340	68	4	570	880	QJ332N2MA
	290	48	3	450	670	QJ232N2MA
	290	48	3	450	670	QJF232N2MA
170	259.5	42	2.1	286	405	QJF1034X1
	260	42	2.1	286	405	QJ1034
	260	42	2.1	286	405	QJF1034
	265	42	2.1	286	405	QJF1034X1-1

极限转速 Limiting Speed	安装尺寸 Installation			质量 Mass
r/min	d _a min mm	D _a max	R _a max	kg
8000	82	138	2	3.15
7000	92	158	2	4.6
6300	104	176	2.5	6.41
6300	104	176	2.5	6.41
6300	109	141	1.5	1.63
6300	112	168	2	4.05
5600	114	201	2	9.3
5600	122	188	2	5.6
4800	124	226	2.5	12.5
3600	130	170	2	2.65
3200	132	203	2	6.9
4500	134	246	2.5	16
3200	140	190	2	4
4800	144	216	2.5	7.75
4000	147	263	3	19.5
3000	150	200	2	4.2
3000	150	200	2	4.2
3000	150	200	2	4.2
4300	154	236	2.5	9.85
3800	158	282	3	22.7
2800	162	213	2	5.25
2800	162	213	2	5.25
2800	162	213	2	5.25
2800	162	213	2	5.25
4000	164	256	2.5	12.5
4000	164	256	2.5	12.5
3600	167	303	3	29
3600	167	303	3	29
2600	172	228	2	6.3
2600	172	228	2	6.3
3400	177	323	3	34.5
3800	174	276	2.5	15.5
3800	174	276	2.5	15.5
2400	182	248	2	8.5
2400	182	248	2	8.5
2400	182	248	2	8.5
2400	182	248	2	9



基本尺寸 Basic Size				基本额定负荷 Basic load rating 动态dynamic 静态static		代号 Code
d	D	B	r _{1,2min}	C	C ₀	-
mm				kN		
170 (cont.)	279.5	46	2.1	286	405	QJF1034X3
	310	52	4	455	720	QJ234N2MA
	310	52	4	455	720	QJF234
	360	72	4	655	1040	QJ334N2MA
180	259.5	52	3.5	206	310	QJ3936X1
	259.5	52	3.5	206	310	QJF3936X1
	259.5	42	3	206	310	QJ2936X1
	360	72	4	655	1040	QJ336N2MA
	280	46	2.1	338	510	QJ1036N2MA
	280	46	2.1	338	510	QJF1036
	320	52	4	475	765	QJ236N2MA
	320	52	4	475	765	QJF236
190	269.5	55	3	216	340	QJ3938X3
	400	78	5	702	1160	QJ338N2MA
	289.5	46	2.1	338	510	QJF1038X1
	290	46	2.1	338	510	QJ1038
	290	46	2.1	338	510	QJF1038
	340	55	4	510	850	QJ238N2MA
200	280	51	2.1	216	340	QJ2940X2
	280	51	2.1	216	340	QJF2940X2
	289.5	58	2.1	235	384	QJ3940X3
	289.5	58	2.1	235	384	QJF3940X3
	309.5	42	2.1	390	620	QJ1040X1
	310	51	2.1	390	620	QJ1040
	310	51	2.1	390	620	QJ1040N2MA
	360	58	4	540	915	QJ240N2MA
	360	58	4	540	915	QJ240MA
220	300	60	3	221	364	QJ3944
	309.5	60	3	246	412	QJ3944X1
	309.5	60	3	246	412	QJF3944X1

极限转速 Limiting Speed	安装尺寸 Installation			质量 Mass
r/min	d _a min mm	D _a max	R _a max	kg
2400	182	248	2	12.7
3400	187	293	3	19.5
3400	187	293	3	19.5
3200	187	343	3	41.7
1600	200	240	3	9.5
1600	200	240	3	9.5
1600	200	240	2.5	7.7
3200	187	343	3	41.5
2200	192	268	2	11
2200	192	268	2	11
3400	197	303	3	20.5
3400	197	303	3	20.5
1500	210	250	2.5	10.5
2800	210	380	4	49
2200	202	278	2	11.5
2200	202	278	2	11.5
2200	202	278	2	11.5
3200	207	323	3	23.5
1400	220	260	2	10.2
1400	220	260	2	10.2
1400	223	267	2	13.2
1400	223	267	2	13.2
3200	212	298	2	15.4
3200	212	298	2	14.9
3200	212	298	2	14.9
3000	217	363	3	28.5
3000	217	363	3	28.5
1250	240	280	2.5	13
1200	243	287	2.5	14.8
1200	243	287	2.5	14.8



基本尺寸 Basic Size				基本额定负荷 Basic load rating		代号 Code
d	D	B	r1.2min	动态dynamic C	静态static C ₀	
mm				kN		-
220 (cont.)	340	56	3	442	750	QJ1044N2MA QJF1044
	340	56	3	442	750	
240	329.5	60	3	256	444	QJ3948X1 QJF3948X1 QJF3948X1-1 QJ1048N2MA QJ248N2MA QJ1248MA
	329.5	60	3	256	444	
	339.5	60	4	271	477	
	360	56	3	449	780	
	440	72	4	650	1200	
	440	85	4	663	1220	
260	360	46	2.1	390	710	QJ1952N2MA QJ252N2MA QJ1252MA QJF2952X1-1 QJ1052N2MA QJF1052
	480	80	5	728	1430	
	480	90	5	741	1460	
	374.5	60	4	313	585	
	400	65	4	540	1000	
	400	65	4	540	1000	
280	500	90	5	728	1460	QJ1256N2MA QJF21956X3-1 QJ1056N2MA
	389.5	65	4	325	628	
	420	65	4	585	1140	
300	540	98	5	832	1760	QJ1260N2MA QJ1060MA QJ1062N2MA
	460	74	4	702	1430	
	460	74	4	702	1430	
320	580	105	5	956	2080	QJ1264N2MA QJ1064N2MA
	480	74	4	715	1530	
335	450	56	3	572	1220	309941A
340	520	82	5	780	1700	QJ1068N2MA QJ1268MA
	620	118	6	1060	2450	
360	540	82	5	852	1930	QJ1072N2MA QJ1272N2MA
	650	122	6	1110	2600	
400	600	90	5	904	2160	QJ1080N2MA
460	680	100	6	1040	2650	QJ1092N2MA QJ1292N2MA
	830	165	7.5	1530	4250	

极限转速 Limiting Speed	安装尺寸 Installation			质量 Mass
	d _a min	D _a max	R _a max	
r/min	mm			kg
2400	234	326	2.5	19.6
	234	326	2.5	19.6
2400	263	307	2.5	16
	263	307	2.5	16
	265	315	2.5	17.6
	254	346	2.5	21
	258	422	3	27.5
	258	422	3	61
2200	271	349	2	15
	282	458	4	68
	282	458	4	78
	289	346	3	23
	278	382	3	31.3
	278	382	3	31.3
2000	302	478	4	82
	252	362	3	25
	298	402	3	33.2
1900	322	518	4	105
	318	442	3	47
	318	442	3	47
1700	342	558	4	130
	338	462	3	49.5
1200	349	436	2.5	27
1800	362	498	4	67.5
	368	592	5	165
1700	382	518	4	70.5
	388	622	5	190
1500	422	578	4	95.5
1300	488	652	5	130
	496	794	6	415
1100				