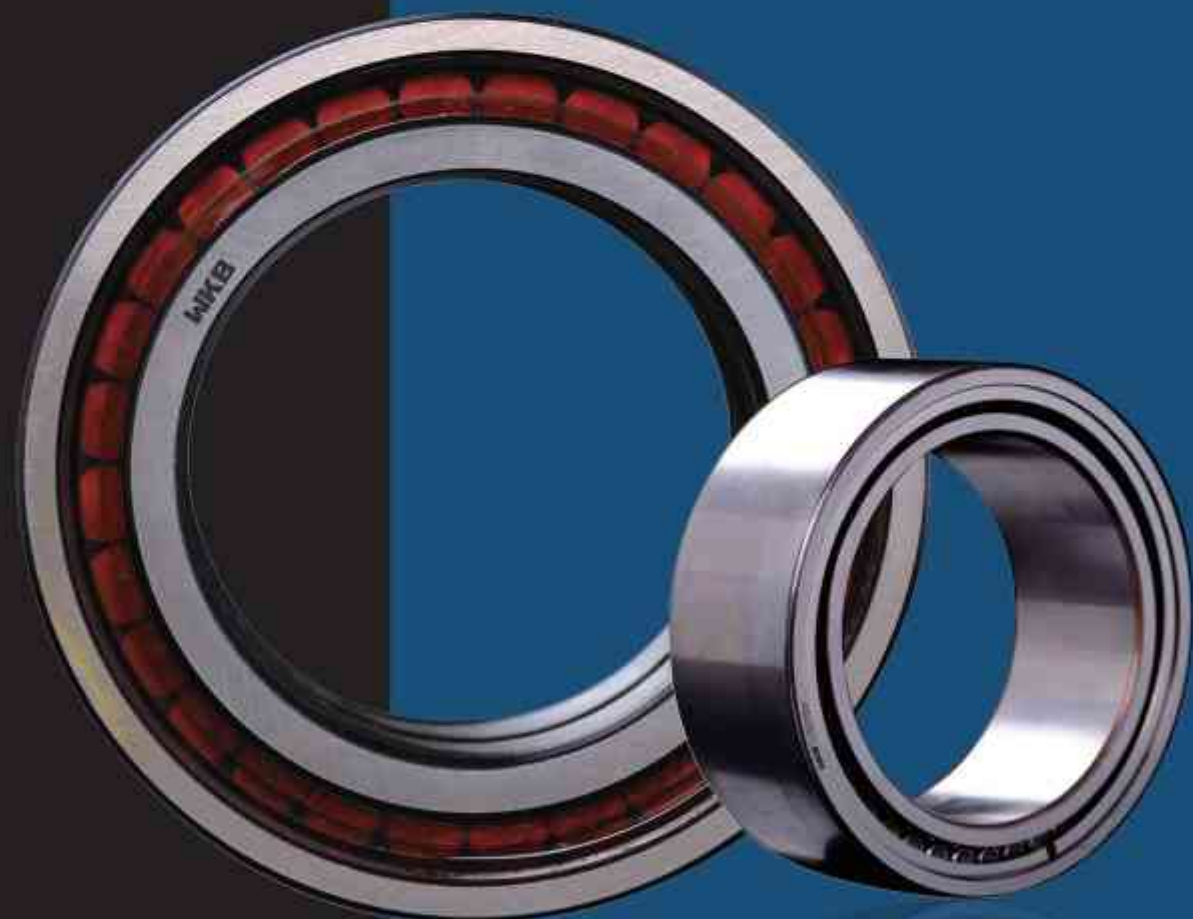


圆环滚子轴承

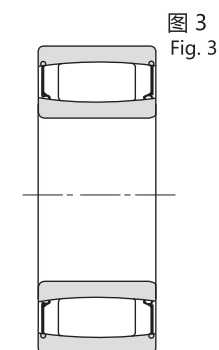
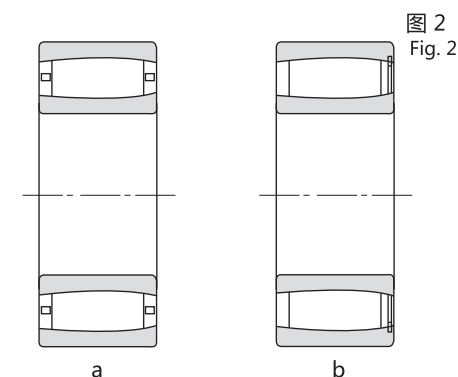
Circular Ring Roller Bearing

振动机械用轴承
Bearings for
Vibrating Machinery



作为振动应用中的浮动端轴承，C23/C4VG114系列圆环滚子轴承带表面硬化的冲压钢保持架和圆柱孔。这些轴承的尺寸和其它产品数据与C23系列的轴承相同。它允许与轴承为过渡配合，以消除可能由于间隙配合引起的蠕变腐蚀。使用振动应用圆环滚子轴承在轴承配置的浮动端，可成为一个自动调心轴承系统，提高性能和可靠性。有关C23/C4VG114系列圆环滚子轴承的具体信息，请向我们咨询。

As the floating end bearing in the vibrating application, C23/C4VG114 series Circular Ring Roller Bearing has the pressed steel cage with hardened surface and the cylindrical bore. The dimensions and other product data of these bearings are the same with those of C23 series bearings. It allows the transition fit, so as to eliminate the creep corrosion due to clearance fit. Using vibration-applied circular ring roller bearing at the floating end in bearing configuration may form a self-aligning bearing system, improving performance and reliability. For the details about C23/C4VG114 series Circular Ring Roller Bearings, please contact us.



圆柱孔圆环滚子轴承径向游隙
Radial clearance of bearing with cylindrical bore

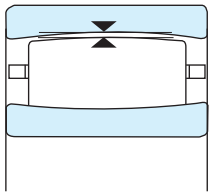


表 1
Table1

内径 ID d 大于more than 至 to mm	径向游隙 Radial Play C2 最小min最大 max mm		普通组 Common Group 最小min最大 max		C3 最小min最大 max		C4 最小min最大 max		C5 最小min最大 max	
18 24	15 30	25 40	35 55	50 65	65 85					
24 30	15 35	30 50	45 60	60 80	75 95					
30 40	20 40	35 55	55 75	70 95	90 120					
40 50	25 45	45 65	65 85	85 110	105 140					
50 65	30 55	50 80	75 105	100 140	135 175					
65 80	40 70	65 100	95 125	120 165	160 210					
80 100	50 85	80 120	120 160	155 210	205 260					
100 120	60 100	100 145	140 190	185 245	240 310					
120 140	75 120	115 170	165 215	215 280	280 350					
140 160	85 140	135 195	195 260	250 325	320 400					
160 180	95 155	150 220	215 280	280 365	360 450					
180 200	105 175	170 240	235 310	305 395	390 495					
200 225	115 190	185 265	260 340	335 435	430 545					
225 250	125 205	200 285	280 370	360 480	475 605					
250 280	135 225	220 310	305 410	405 520	515 655					
280 315	150 240	235 330	330 435	430 570	570 715					
315 355	160 260	255 360	360 485	480 620	620 790					
355 400	175 280	280 395	395 530	525 675	675 850					
400 450	190 310	305 435	435 580	575 745	745 930					
450 500	205 335	335 475	475 635	630 815	810 1015					
500 560	220 360	360 520	510 690	680 890	890 1110					
560 630	240 400	390 570	560 760	750 980	970 1220					
630 710	260 440	430 620	610 840	830 1080	1070 1340					
710 800	300 500	490 680	680 920	920 1200	1200 1480					
800 900	320 540	530 760	750 1020	1010 1330	1320 1660					
900 1000	370 600	590 830	830 1120	1120 1460	1460 1830					
1000 1120	410 660	660 930	930 1260	1260 1640	1640 2040					
1120 1250	450 720	720 1020	1020 1380	1380 1800	1800 2240					
1250 1400	490 800	800 1130	1130 1510	1510 1970	1970 2460					
1400 1600	570 890	890 1250	1250 1680	1680 2200	2200 2740					
1600 1800	650 1010	1010 1390	1390 1870	1870 2430	2430 3000					

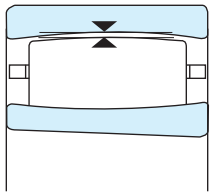
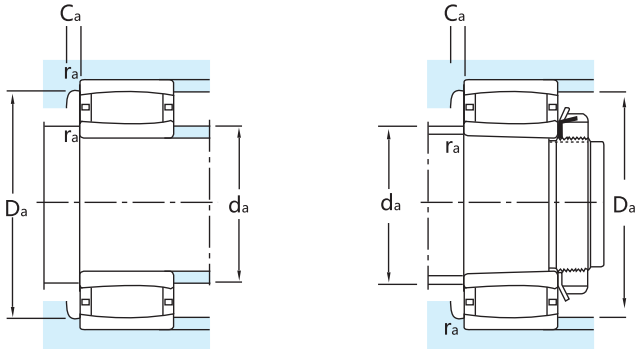
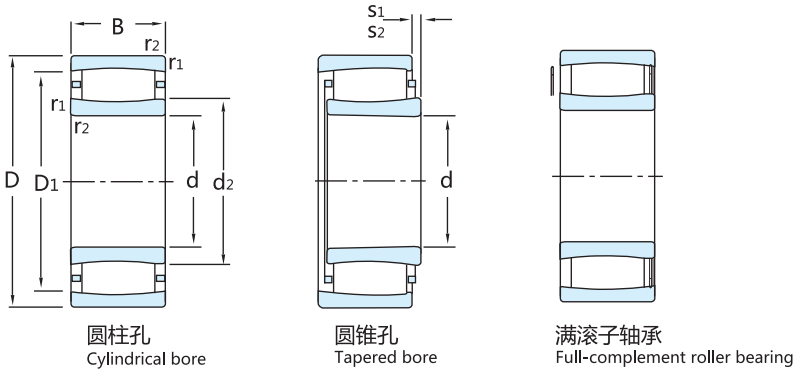


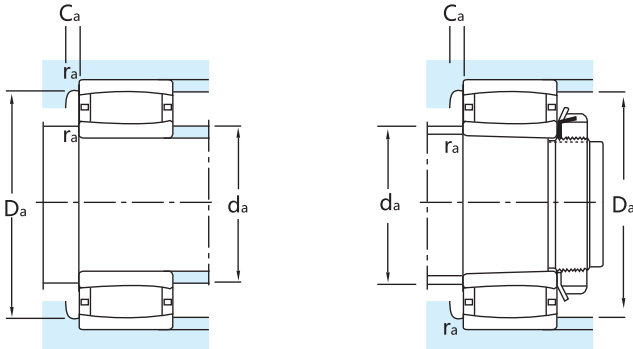
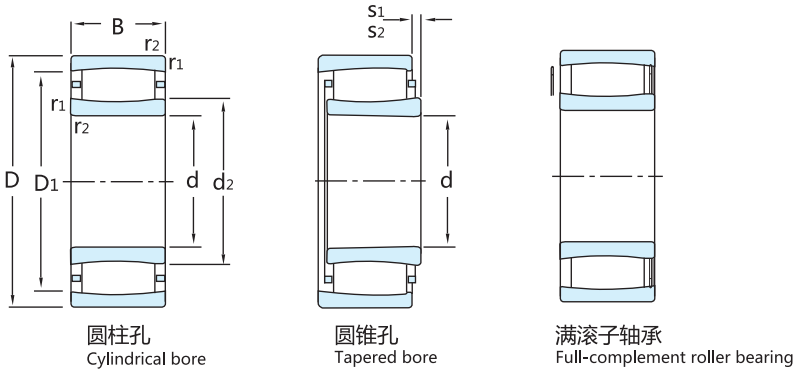
表 2
Table2

内径 ID d 大于more than 至 to mm	径向游隙 Radial Play C2 最小min最大 max mm		普通组 Common Group 最小min最大 max		C3 最小min最大 max		C4 最小min最大 max		C5 最小min最大 max	
18 24	15 35	30 45	40 55	55 70	65 85					
24 30	20 40	35 55	50 65	65 85	80 100					
30 40	25 50	45 65	60 80	80 100	100 125					
40 50	30 55	50 75	70 95	90 120	115 145					
50 65	40 65	60 90	85 115	110 150	145 185					
65 80	50 80	75 110	105 140	135 180	175 220					
80 100	60 100	95 135	130 175	170 220	215 275					
100 120	75 115	115 155	155 205	200 255	255 325					
120 140	90 135	135 180	180 235	230 295	290 365					
140 160	100 155	155 215	210 270	265 340	335 415					
160 180	115 175	170 240	235 305	300 385	380 470					
180 200	130 195	190 260	260 330	325 420	415 520					
200 225	140 215	210 290	285 365	360 460	460 575					
225 250	160 235	235 315	315 405	400 515	510 635					
250 280	170 260	255 345	340 445	440 560	555 695					
280 315	195 285	280 380	375 485	480 620	615 765					
315 355	220 320	315 420	415 545	540 680	675 850					
355 400	250 350	350 475	470 600	595 755	755 920					
400 450	280 385	380 525	525 655	650 835	835 1005					
450 500	305 435	435 575	575 735	730 915	910 1115					
500 560	330 480	470 640	630 810	800 1010	1000 1230					
560 630	380 530	530 710	700 890	890 1110	1110 1350					
630 710	420 590	590 780	770 990	980 1230	1230 1490					
710 800	480 680	670 860	860 1100	1100 1380	1380 1660					
800 900	520 740	730 960	950 1220	1210 1530	1520 1860					
900 1000	580 820	810 1040	1040 1340	1340 1670	1670 2050					
1000 1120	640 900	890 1170	1160 1500	1490 1880	1870 2280					
1120 1250	700 980	970 1280	1270 1640	1630 2060	2050 2500					
1250 1400	770 1080	1080 1410	1410 1790	1780 2250	2250 2740					
1400 1600	870 1200	1200 1550	1550 1990	1990 2500	2500 3050					
1600 1800	950 1320	1320 1690	1690 2180	2180 2730	2730 3310					



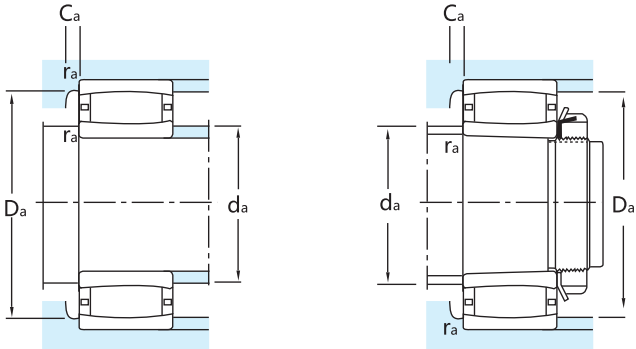
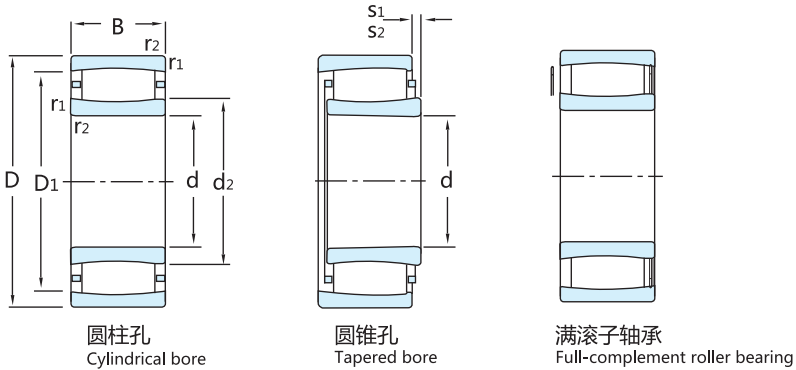
基本尺寸 Basic Size			基本额定负荷 Basic load rating		疲劳负荷极限 Fatigue load limit	额定转速 Rated Speed	质量 Mass	型号Designation(Design)	
d	D	B	动态 dynamic C	静态 static C ₀	P ₀	参考转速 Reference Speed	极限转速 Limit Speed	圆柱孔Cylindrical bore	圆锥孔Tapered bore
mm			kN		kN	r/min	kg	-	-
60	85	25	112	170	19.6	3000	0.46	C4912V	C4912K30V
	85	34	150	240	26.5	2400	0.64	C5912V	
	85	45	190	335	39	1900	0.83	C6912V	
	110	28	143	156	18.3	5600	1.1	C2212TN9	C2212KTN9
	110	28	166	190	22.4	2800	1.15	C2212V	C2212KV
65	90	25	116	180	20.8	2800	0.5	C4913V	C4913K30V
	90	34	156	260	30.5	2200	0.68	C5913V	
	90	45	196	355	41.5	1800	0.9	C6913V	
	100	35	193	300	33.5	2400	1.05	C4013V	C4013K30V
	120	31	180	180	21.2	5300	1.45	C2213TN9	C2213KTN9
	120	31	204	216	25.5	2400	1.5	C2213V	C2213KV
70	100	30	163	163	28	2600	0.78	C4914V	C4914K30V
	100	40	196	310	36.5	2000	1	C5914V	
	100	54	265	455	49	1700	1.4	C6914V	
	125	31	186	196	22.8	5000	1.5	C2214TN9	C2214KTN9
	125	31	212	228	26.5	2400	1.55	C2214V	C2214KV
	150	51	405	430	49	3800	4.3	C2314V	C2314K
75	105	30	166	255	30	2400	0.82	C4915V	C4915K30V
	105	40	204	325	38	1900	1.1	C5915V	
	105	54	204	325	37.5	1900	1.4	C6915V/VE240	
	115	40	208	345	40.5	2000	1.6	C4015V	C4015K30V
	130	31	196	208	24	4800	1.6	C2215	C2215K
	130	31	220	240	28	2200	1.65	C2215V	C2215KV
	160	55	425	465	52	3600	5.3	C2315	C2315K
80	110	30	173	275	32	2200	0.86	C4916V	C4916K30V
	110	40	208	345	40.5	1800	1.15	C5916V	
	140	33	220	250	28.5	4300	2.05	C2216	C2216K
	140	33	255	305	34.5	2000	2.15	C2216V	C2216KV
	170	58	510	550	60	3400	6.3	C2316	C2316K
85	120	35	224	355	40.5	2000	1.3	C4917V	C4917K30V
	120	46	275	465	52	1700	1.7	C5917V	
	150	36	275	320	35.5	4000	2.65	C2217	C2217K
	150	36	315	390	43	1800	2.8	C2217V	C2217KV
	180	60	540	600	64	3200	7.4	C2317	C2317K

尺寸 Dimensions						挡肩及倒角尺寸 Shoulder and chamfer dimensions						计算系数 Calculation coefficient	
d	d ₂	D ₁	r _{1,2}	s ₁	s ₂	d _a	d _a	D _a	D _a	C _a	r _a	k ₁	k ₂
mm	~	~	min	~	~	min	max	min	max	min	max	-	-
60	68	78.2	1	5.5	2.3	64.6	72		80.4		1	0.107	0.108
	66.8	76.5	1	6	2.8	64.6	62		80.4		1	0.097	0.11
	68.7	77.5	1	7.9	4.7	64.6	72		80.4		1	0.108	0.096
	77.1	97.9	1.5	8.5		69	77.1	94.7	101	0.3	1.5	0.1	0.123
	77.1	97.9	1.5	8.5	5.3	69	91		101		1.5	0.1	0.123
65	72.1	82.2	1	5.5	2.3	69.6	72		85.4		1	0.107	0.109
	72.8	82.7	1	6	2.8	69.6	76		85.4		1	0.113	0.097
	72.8	81.5	1	7.9	4.7	69.6	76		85.4		1	0.109	0.096
	75.5	88.4	1.1	6.4	1.2	71	81		94		1	0.11	0.1
	79	106	1.5	9.6		74	79	102	111	0.2	1.5	0.097	0.127
	79	106	1.5	9.6	5.3	74	97		111		1.5	0.097	0.127
70	78	91	1	6	2.8	74.6	78		95.4		1	0.107	0.107
	78.5	90.5	1	9.4	6.2	74.6	84		95.4		1	0.097	0.114
	79.1	89.8	1	9	5.8	74.6	75		95.4		1	0.102	0.1
	83.7	111	1.5	9.6		79	83.7	107	116	0.4	1.5	0.098	0.127
	83.7	111	1.5	9.6	5.3	79	102		116		1.5	0.098	0.127
	91.4	130	2.1	9.1		82	106	119	138	2.2	2	0.11	0.099
75	83.1	96.1	1	6	2.8	79.6	83		100		1	0.107	0.108
	83.6	95.5	1	9.4	6.2	79.6	89		100		1	0.098	0.114
	83.6	95.5	1	9.2	9.2	79.6	88		100		1	0.073	0.154
	88.7	101	1.1	9.4	5.1	81	94		109		1	0.099	0.114
	88.5	116	1.5	9.6		84	98.3	106	121	1.2	1.5	0.099	0.127
	88.5	116	1.5	9.6	5.3	84	107		121		1.5	0.099	0.127
	98.5	137	2.1	13.1		87	113	126	148	2.2	2	0.103	0.107
80	88.1	102	1	6	1.7	84.6	94		105		1	0.112	0.107
	88.7	101	1	9.4	5.1	84.6	94		105		1	0.099	0.114
	98.1	125	2	9.1		91	107	116	129	1.2	2	0.104	0.121
	98.1	125	2	9.1	4.8	91	116		129		2	0.104	0.121
	102	146	2.1	10.1		92	119	133	158	2.4	2	0.107	0.101
85	94.5	109	1.1	6	1.7	91	94		114		1	0.1	0.114
	95	109	1.1	8.9	4.6	91	91		114		1	0.098	0.109
	103	133	2	7.1		96	114	123	139	1.3	2	0.114	0.105
	103	133	2	7.1	1.7	96	120		139		2	0.114	0.105
	110	153	3	12.1		99	126	141	166	2.4	2.5	0.105	0.105



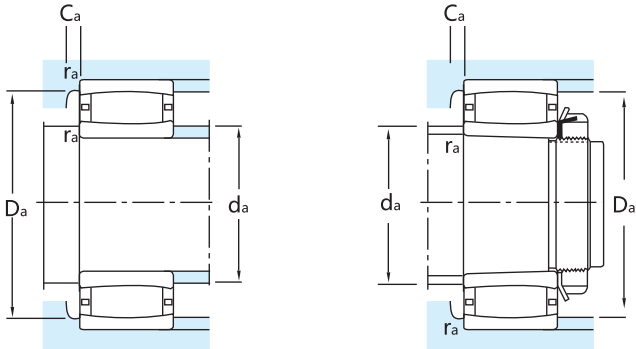
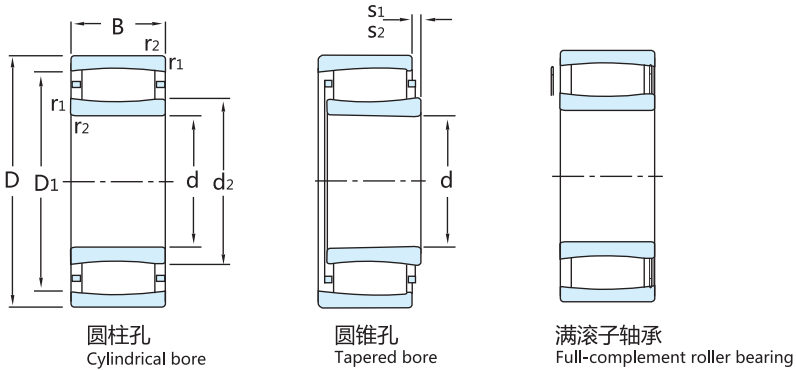
基本尺寸 Basic Size			基本额定负荷 Basic load rating		疲劳负 荷极限 Fatigue load limit	额定转速 Rated Speed		质量 Mass	型号Designation(Design)	
d	D	B	动态 dynamic C	静态 static C ₀	P _u	参考转速 Reference Speed	极限转速 Limit Speed	kg	圆柱孔Cylindrical bore	圆锥孔Tapered bore
mm			kN		kN	r/min			-	
90	125	35	186	315	35.5	2000		1.3	C4918V	C4918K30V
	125	46	224	400	45.5	1600		1.75	C5918V	
	150	72	455	670	75	1100		5.1	BSC-2039V	
	160	40	325	380	41.5	3800	5300	3.3	C2218	C2218K
	160	40	365	440	48		1600	3.45	C2218V	C2218KV
	190	64	610	695	73.5	2800	4000	8.65	C2318	C2318K
95	170	43	325	380	41.5	3800	5300	4.1	C2219	C2219K
	200	67	610	695	73.5	2800	4000	10	C2319	C2319K
100	140	40	240	455	50	1800		2.05	C4920V	C4920K30V
	140	54	375	640	68	1400		2.7	C5920V	
	150	50	355	530	58.5	1400		3.05	C4020V	C4020K30V
	150	67	510	865	95	1100		4.3	C5020V	
	165	52	475	655	71	1300		4.45	C3120V	
	165	65	475	655	71	1300		5.3	C4120V/VE240	C4120K30V/VE240
	170	65	475	655	71	1000		5.95	BSC-2034V	
	180	46	415	465	49	3600	4800	4.95	C2220	C2220K
	215	73	800	880	90	2600	3600	12.5	C2320	C2320K
110	170	45	355	480	51	3200	4500	3.6	C3022	C3022K
	170	60	430	655	69.5	2600	3400	5.3	C4022MB	C4022K30MB
	170	60	500	800	85		1200	5.2	C4022V	C4022K30V
	180	69	670	1000	102		900	7.1	C4122V	C4122K30V
	200	53	530	620	64	3200	4300	7	C2222	C2222K
120	180	46	375	530	55	3000	4300	3.95	C3024	C3024K
	180	46	430	640	65.5		1400	4.1	C3024V	C3024KV
	180	60	430	640	65.5		1400	5.05	C4024V/VE240	C4024K302/VE240
	180	60	530	880	91.5		1100	5.55	C4024V	C4024K30V
	200	80	780	1120	114		750	10	C4124V	C4124K30V
	215	58	610	710	71	2800	4000	8.65	C2224	C2224K
	215	76	750	980	98	2400	3200	12	C3224	C3224K
130	200	52	390	585	58.5	2800	3800	5.9	C3026	C3026K
	200	69	620	930	93	2200	2800	7.85	C4026	C4026K30
	200	69	720	1120	112		850	8.15	C4026V	C4026K30V
	210	80	750	1110	110		850	10.5	C4126V/VE240	C4126K30V/VE240
	230	64	735	930	91.5	2800	3800	11.5	C2226	C2226K

尺寸 Dimensions						挡肩及倒角尺寸 Shoulder and chamfer dimensions						计算系数 Calculation coefficient	
d	d ₂	D ₁	r _{1,2}	s ₁	s ₂	d _a	d _a	D _a	D _a	C _a	r _a	k ₁	k ₂
mm	~	~	min	~	~	min	max	min	max	min	max	-	-
90	102	113	1.1	11	6.7	96	100		119		1	0.125	0.098
	102	113	1.1	15.4	11.1	96	106		119		1	0.089	0.131
	109	131	2	19.7	19.7	101	121		139		2	0.087	0.123
	111	144	2	9.5		101	124	133	149	1.4	2	0.104	0.117
	111	144	2	9.5	4.1	101	131		149		2	0.104	0.117
	119	166	3	9.6		104	138	154	176	2	2.5	0.108	0.101
95	112	144	2.1	12.4		107	124	133	158	0	2	0.097	0.126
	119	166	3	12.6		109	138	154	186	2.1	2.5	0.103	0.106
100	114	126	1.1	9.4	5.1	106	118		134		1	0.105	0.114
	110	127	1.1	9	4.7	106	107		134		1	0.103	0.105
	113	135	1.5	14	9.7	107	126		143		1.5	0.098	0.118
	114	136	1.5	9.3	5	107	127		143		1.5	0.112	0.094
	119	150	2	10.1	4.7	111	136		154		2	0.1	0.112
	120	148	2	17.7	17.7	111	135		154		2	0.09	0.125
	120	148	2	17.7	17.7	111	135		159		2	0.09	0.125
	118	157	2.1	10.1		112	134	146	168	0.9	2	0.108	0.11
	126	185	3	11		114	150	168	201	3.2	2.5	0.113	0.096
110	128	156	2	9.5		120	138	149	160	0.9	2	0.112	0.107
	126	150	2	4.8		120	125	146	160	1.3	2	0	0.103
	126	150	2	12	6.6	120	136		160		2	0.107	0.103
	132	163	2	11.4	4.6	121	149		169		2	0.111	0.097
	132	176	2.1	11.1		122	150	161	188	1.9	2	0.113	0.103
120	138	166	2	10.6		130	148	160	170	0.9	2	0.111	0.109
	138	166	2	10.6	3.8	130	154		170		2	0.111	0.109
	139	164	2	7.8	17.8	130	152		170		2	0.085	0.142
	140	164	2	12	5.2	130	152		170		2	0.109	0.103
	140	176	2	18	11.2	131	160		189		2	0.104	0.103
	144	191	2.1	13		132	163	142	203	1.1	2	0.104	0.113
	149	190	2.1	17.1		132	162	179	203	2.4	2	0.103	0.108
130	153	180	2	16.5		140	162	175	190	1.1	2	0.101	0.123
	149	181	2	11.4		140	157	174	190	1.9	2	0.113	0.097
	149	181	2	11.4	4.6	140	167		190		2	0.113	0.097
	153	191	2	9.7	9.7	141	174		199		2	0.09	0.126
	152	199	3	9.6		144	171	185	216	1.1	2.5	0.113	0.101



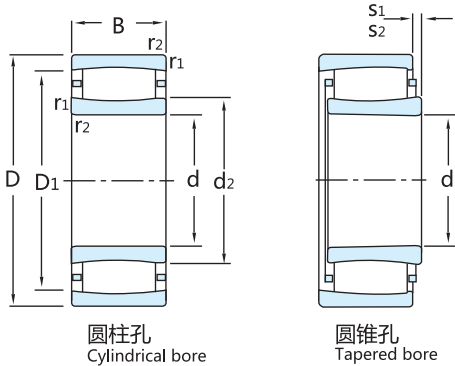
基本尺寸 Basic Size			基本额定负荷 Basic load rating		疲劳负荷极限 Fatigue load limit	额定转速 Rated Speed		质量 Mass	型号Designation(Design)	
d	D	B	动态 dynamic C	静态 static C ₀	P ₀	参考转速 Reference Speed	极限转速 Limit Speed	kg	圆柱孔Cylindrical bore	圆锥孔Tapered bore
mm			kN		kN	r/min			-	
140	210	53	490	735	72	2600	3400	6.3	C3028	C3028K
	210	69	750	1220	120		800	8.6	C4028V	C4028K30V
	225	85	780	1200	116		800	12.5	C4128V/VE240	C4128K30V/VE240
	250	68	830	1060	102	2400	3200	14	C2228	C2228K
150	225	56	540	850	81.5	2400	3200	8.45	C3030MB	C3030KMB
	225	75	780	1320	127		750	10.5	C4030V	C4030K30V
	250	80	880	1290	122	2000	2800	15.5	C3130	C3130K
	250	100	1220	1860	176		450	20	C4130V	C4130K30V
	270	73	980	1220	114	2400	3200	18	C2230	C2230K
160	240	60	600	980	93	2200	3000	9.6	C3032	C3032K
	240	80	765	1160	110	1700	2400	12.5	C4032	C4032K30
	240	80	915	1460	140		600	13	C4032V	C4032K30V
	270	86	1000	1400	129	1900	2600	21.5	C3132	C3132K
	270	109	1460	2160	200		300	26	C4132V	C4132K30V
	290	104	1370	1830	170	1800	2400	29.5	C3232	C3232K
170	260	67	750	1160	108	2000	2800	12.5	C3034	C3034K
	260	90	1140	1860	173		500	17.5	C4034V	C4034K30V
	280	88	1040	1460	137	1900	2600	21	C3134	C3134K
	280	109	1530	2280	208		280	27	C4134V	C4134K30V
	310	86	1270	1630	146	1900	2600	28	C2234	C2234K
180	280	74	880	1340	122	2000	2600	17	C3036	C3036K
	280	100	1320	2120	196		430	23.5	C4036V	C4036K30V
	300	96	1250	1730	156	1700	2400	26.5	C3136	C3136K
	300	118	1760	2700	240		220	34.5	C4136V	C4136K30V
	320	112	1530	2200	193	1500	2000	38	C3236	C3236K
190	290	75	930	1460	132	1800	2400	17.5	C3038	C3038K
	290	100	1370	2320	208		380	24	C4038V	C4038K30V
	320	104	1700	2550	224		190	34.5	C3138	C3138K
	320	128	2040	3150	275		130	43	C4138V	C4138K30V
	340	92	1370	1730	153	1800	2400	34.5	C2238	C2238K

尺寸 Dimensions						挡肩及倒角尺寸 Shoulder and chamfer dimensions						计算系数 Calculation coefficient	
d	d ₂ ~	D ₁ ~	r _{1,2} min	s ₁ ¹⁾ ~	s ₂ ¹⁾ ~	d _a min	d _a max	D _a min	D _a max	C _a ²⁾ min	r _a max	k ₁	k ₂
mm						mm						-	
140	163	194	2	11		149	161	195	201	4.7	2	0.102	0.116
	161	193	2	11.4	5.9	150	177		200		2	0.115	0.097
	166	204	2.1	9.7	9.7	152	189		213		2	0.086	0.134
	173	223	3	13.7		154	191	207	236	2.3	2.5	0.109	0.108
150	173	204	2.1	8.7		161	172	198	214	1.3	2		0.108
	173	204	2.1	17.4	10.6	161	189		214		2	0.107	0.106
	182	226	2.1	13.9		162	196	214	238	2.3	2	0.12	0.092
	179	222	2.1	20	10.1	162	204		238		2	0.105	0.103
	177	236	3	11.2		164	202	215	256	2.5	2.5	0.119	0.096
160	187	218	2.1	15		171	186	220	229	5.1	2	0.115	0.106
	181	217	2.1	18.1		171	190	209	229	2.2	2	0.109	0.103
	181	217	2.1	18.1	8.2	171	199		229		2	0.109	0.103
	191	240	2.1	10.3		172	208	229	258	2.4	2	0.099	0.111
	190	241	2.1	21	11.1	172	199		258		2	0.101	0.105
	194	256	3	19.3		174	218	242	276	2.6	2.5	0.112	0.096
170	200	237	2.1	12.5		181	200	238	249	5.8	2	0.105	0.112
	195	236	2.1	17.1	7.2	181	218		249		2	0.108	0.103
	200	249	2.1	21		182	200	250	268	7.6	2	0.101	0.109
	200	251	2.1	21	11.1	182	209		268		2	0.101	0.106
	209	274	4	16.4		187	233	254	293	3	3	0.114	0.1
180	209	251	2.1	15.1		191	223	239	269	2	2	0.112	0.105
	203	247	2.1	20.1	10.2	191	229		269		2	0.107	0.103
	210	266	3	23.2		194	231	252	286	2.2	2.5	0.102	0.111
	211	265	3	20	10.1	194	223		286		2.5	0.095	0.11
	228	289	4	27.3		197	249	271	303	3.2	3	0.107	0.104
190	225	266	2.1	16.1		201	238	254	279	1.9	2	0.113	0.107
	220	263	2.1	20	10.1	201	245		279		2	0.108	0.103
	228	289	3	19	9.1	204	267		306		2.5	0.096	0.115
	222	284	3	20	10.1	204	233		306		2.5	0.094	0.111
	224	296	4	22.5		207	254	275	323	1.6	3	0.108	0.108

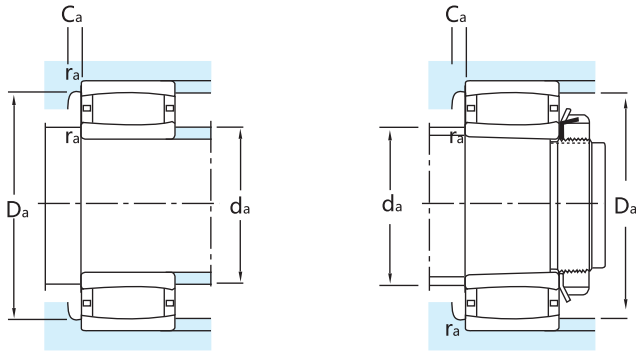


基本尺寸 Basic Size			基本额定负荷 Basic load rating		疲劳负 荷极限 Fatigue load limit	额定转速 Rated Speed		质量 Mass	型号Designation(Design)	
d	D	B	动态 dynamic C	静态 static C ₀	P _u	参考转速 Reference Speed	极限转速 Limit Speed	kg	圆柱孔Cylindrical bore	圆锥孔Tapered bore
mm			kN		kN	r/min			-	
200	310	82	1120	1730	153	1700	2400	22.5	C3040	C3040K
	310	109	1630	2650	236		260	30.5	C4040V	C4040K30V
	340	112	1600	2320	220	1500	2000	41	C3140	C3140K
	340	140	2360	3650	315		80	54	C4140V	C4140K30V
220	340	90	1320	2040	176	1600	2200	29.5	C3044	C3044K
	340	118	1930	3250	275		200	40	C4044V	C4044K30V
	370	120	1900	2900	245	1400	1800	52	C3144	C3144K
	400	108	2000	2500	208	1500	2000	57.5	C2244	C2244K
240	360	92	1340	2160	183	1500	2000	32	C3048	C3048K
	400	128	2320	3450	285	1300	1700	64	C3148	C3148K
260	400	104	1760	2850	232	1300	1800	47	C3052	C3052K
	440	144	2650	4050	325	1100	1500	88	C3152	C3152K
280	420	106	1860	3100	250	1200	1600	50.5	C3056	C3056K
	460	146	2850	4500	355	1100	1400	94.5	C3156	C3156K
300	460	118	2160	3750	290	1100	1500	72	C3060M	C3060KM
	460	160	2900	4900	390	900	1200	95.5	C4060M	C4060K30M
	500	160	3250	5200	400	950	1300	125	C3160	C3160K
320	480	121	2280	4000	305	1000	1400	78	C3064M	C3064KM
	540	176	4150	6300	480	900	1300	164	C3164M	C3164KM
340	520	133	2900	5000	375	950	1300	100	C3068M	C3068KM
	580	190	4900	7500	560	850	1100	205	C3168M	C3168KM
360	480	90	1760	3250	245	1000	1400	45	C3972M	C3972KM
	540	134	2900	5000	375	900	1300	106	C3072M	C3072KM
	600	192	5000	8000	585	800	1100	220	C3172M	C3172KM
380	520	106	2120	4000	300	950	1300	66	C3976M	C3976KM
	560	135	3000	5200	380	900	1200	110	C3076M	C3076KM
	620	194	4400	7200	520	750	1000	243	C3176MB	C3176KMB

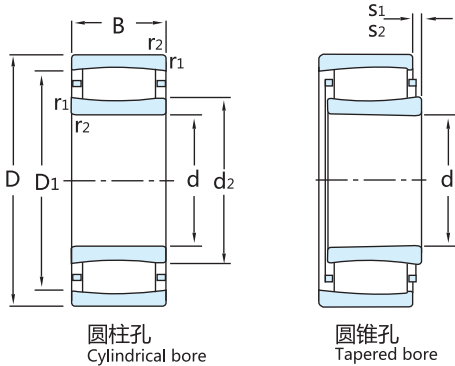
尺寸 Dimensions						挡肩及倒角尺寸 Shoulder and chamfer dimensions						计算系数 Calculation coefficient	
d	d ₂	D ₁	r _{1,2}	s ₁ ¹⁾	s ₂ ¹⁾	d _a _{min}	d _a _{max}	D _a _{min}	D _a _{max}	C _a ²⁾	r _a _{max}	k ₁	k ₂
mm			min	~	~	mm						-	
200	235	285	2.1	15.2		211	250	272	299	2.9	2	0.123	0.095
	228	280	2.1	21	11.1	211	263		299		2	0.11	0.101
	244	305	3	27.3		214	264	288	326	0.6	2.5	0.108	0.104
	237	302	3	22	12.1	214	244		326		2.5	0.092	0.112
220	257	310	3	17.2		233	270	295	327	3.1	2.5	0.114	0.104
	251	306	3	20	10.1	233	250		327		2.5	0.095	0.113
	268	333	4	22.3		237	290	315	353	3.5	3	0.114	0.097
	259	350	4	20.5		237	298	321	383	1.7	3	0.113	0.101
240	276	329	3	19.2		253	293	312	347	1.3	2.5	0.113	0.106
	281	357	4	20.4		257	309	334	383	3.7	3	0.116	0.095
260	305	367	4	19.3		275	326	349	385	3.4	3	0.122	0.096
	314	394	4	26.4		277	341	371	423	4.1	3	0.115	0.096
280	328	389	4	21.3		295	352	373	405	1.8	3	0.121	0.098
	336	416	5	28.4		300	363	392	440	4.1	4	0.115	0.097
300	351	417	4	20		315	376	402	445	1.7	3	0.123	0.095
	338	410	4	30.4		315	362	396	445	2.8	3	0.105	0.106
	362	448	5	30.5		320	392	422	480	4.9	4	0.106	0.106
320	375	441	4	23.3		335	398	426	465	1.8	3	0.121	0.098
	371	477	5	26.7		340	411	452	520	4.2	4	0.114	0.096
340	402	482	5	25.4		358	430	465	502	1.9	4	0.12	0.099
	402	517	5	25.9		360	446	489	560	4.2	4	0.118	0.093
360	394	450	3	17.2		373	409	435	467	1.6	2.5	0.127	0.104
	416	497	5	26.4		378	448	476	522	2	4	0.12	0.099
	423	537	5	27.9		380	464	507	580	3.9	4	0.117	0.094
380	428	489	4	21		395	450	475	505	1.8	3	0.129	0.098
	431	512	5	27		398	462	491	542	2	4	0.12	0.1
	446	551	5	25.4		400	445	526	600	7.3	4		0.106



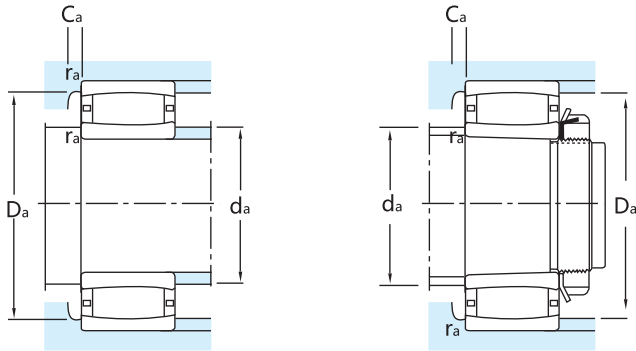
基本尺寸 Basic Size			基本额定负荷 Basic load rating		疲劳负荷极限 Fatigue load limit	额定转速 Rated Speed		质量 Mass	型号Designation(Design)	
d	D	B	动态 dynamic C	静态 static C ₀	P ₀	参考转速 Reference Speed	极限转速 Limit Speed	kg	圆柱孔Cylindrical bore	圆锥孔Tapered bore
mm			kN		kN	r/min			-	
400	540	106	2120	4000	290	900	1300	68.5	C3980M	C3980KM
	600	148	3650	6200	450	800	1100	145	C3080M	C3080KM
	650	200	4800	8300	585	700	950	258	C3180M	C3180KM
420	560	106	2160	4250	310	850	1200	72	C3984M	C3984KM
	620	150	3800	6400	455	800	1100	150	C3084M	C3084KM
	700	224	6000	10400	720	670	900	355	C3184M	C3184KM
440	600	118	2600	5300	375	800	1100	99	C3988M	C3988KM
	650	157	3750	6400	450	750	1000	190	C3088MB	C3088KMB
	720	226	6700	11400	780	530	850	385	C3188MB	C3188KMB
460	620	118	2700	5300	375	800	1100	100	C3992M	C3992KM
	680	163	4000	7500	520	700	950	205	C3092M	C3092KM
	760	240	6800	12000	815	600	800	435	C3192M	C3192KM
	760	300	8300	15000	1020	480	630	571	C4192MB	C4192K30MB
480	650	128	3100	6100	425	750	1000	120	C3996M	C3996KM
	700	165	4050	7800	530	670	900	215	C3096M	C3096KM
	790	248	6950	12500	830	560	750	523	C3196MB	C3196KMB
500	670	128	3150	6300	430	700	950	125	C39/500M	C39/500KM
	720	167	4250	8300	560	630	900	225	C30/500M	C30/500KM
	830	264	7500	12700	850	530	750	560	C31/500M	C31/500KM
	830	325	9800	17600	1160	430	560	710	C41/500M	C41/500K30M
530	710	136	3550	7100	480	670	900	150	C39/530M	C39/530KM
	780	185	5100	9500	630	600	800	300	C30/530M	C30/530KM
	870	272	8800	15600	1020	500	670	636	C31/530M	C31/530KM
560	750	140	3600	7350	490	600	850	175	C39/560M	C39/560KM
	820	195	5600	11000	720	530	750	350	C30/560M	C30/560KM
	920	280	9150	16300	1040	480	670	789	C31/560MB	C31/560KMB
600	800	150	4000	8800	570	560	750	215	C39/600M	C39/600KM
	870	200	6300	12200	780	500	700	395	C30/600M	C30/600KM
	980	300	10200	18000	1140	430	600	929	C31/600MB	C31/600KMB



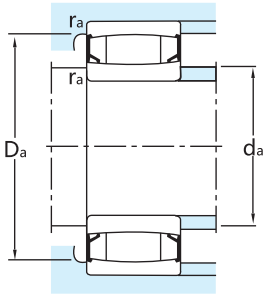
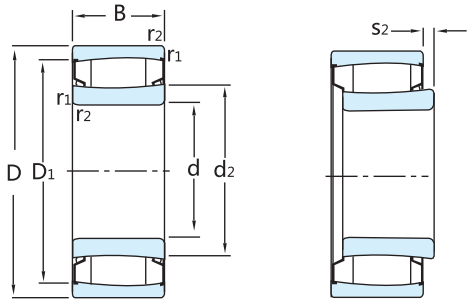
尺寸 Dimensions					挡肩及倒角尺寸 Abutment and chamfer dimensions						计算系数 Calculation factors	
d	d ₂	D ₁	r _{1,2}	s ₁ ¹⁾	d _{a min}	d _{a max}	D _{a min}	D _{a max}	C _a ²⁾	r _{a max}	k ₁	k ₂
mm			min	~	mm				min		-	
400	439	501	4	21	415	461	487	525	1.8	3	0.13	0.098
	457	554	5	30.6	418	486	523	582	2.1	4	0.121	0.099
	488	589	6	50.7	426	525	566	624	4	5	0.106	0.109
420	461	523	4	21.3	435	484	510	545	1.8	3	0.132	0.098
	475	571	5	32.6	438	513	544	602	2.2	4	0.12	0.1
	507	618	6	34.8	446	544	592	674	3.8	5	0.113	0.098
440	494	560	4	20	455	517	546	585	1.9	3	0.133	0.095
	490	587	6	24.6	463	489	563	627	3.5	5		0.105
	522	647	6	16	466	521	613	694	7.5	5		0.099
460	506	577	4	20	475	546	563	605	3.7	3	0.122	0.11
	539	624	6	33.5	483	570	604	657	2.3	5	0.114	0.108
	559	679	7.5	51	492	603	651	728	4.2	6	0.108	0.105
	537	671	7.5	23.3	477	536	638	728	13	6	0.111	0.097
480	528	604	5	20.4	498	552	585	632	2	4	0.133	0.095
	555	640	6	35.5	503	586	620	677	2.3	5	0.113	0.11
	578	701	7.5	35.1	512	577	673	758	8.7	6		0.109
500	555	632	5	20.4	518	580	614	652	2	4	0.135	0.095
	571	656	6	37.5	523	600	637	697	2.3	5	0.113	0.111
	605	738	7.5	75.3	532	654	706	798	11.7	6	0.099	0.116
	600	740	7.5	46.3	532	637	721	798	5.9	6	0.115	0.093
530	577	658	5	28.4	548	603	639	692	2.3	4	0.129	0.101
	601	705	6	35.7	553	638	681	757	2.5	5	0.12	0.101
	635	781	7.5	44.4	562	685	745	838	5.4	6	0.115	0.097
560	621	701	5	32.4	578	648	682	732	2.3	4	0.128	0.104
	659	761	6	45.7	583	696	736	797	2.7	5	0.116	0.106
	660	808	7.5	24.5	592	659	769	888	11	6	0	0.1
600	666	745	5	32.4	618	685	725	782	2.4	4	0.131	0.1
	692	805	6	35.9	623	776	776	847	2.7	5	0.125	0.098
	705	871	7.5	26.1	632	704	827	948	5.1	6		0.107



基本尺寸 Basic Size			基本额定负荷 Basic load rating		疲劳负荷极限 Fatigue load limit	额定转速 Rated Speed		质量 Mass	型号Designation(Design)	
d	D	B	动态 dynamic C	静态 static C ₀	P _u	参考转速 Reference Speed	极限转速 Limit Speed	kg	圆柱孔Cylindrical bore	圆锥孔Tapered bore
mm			kN		kN	r/min			-	
630	850	165	4650	10000	640	530	700	275	C39/630M	C39/630KM
	920	212	6800	12900	830	480	670	470	C30/630M	C30/630KM
	1030	315	11800	20800	1290	400	560	1090	C31/630MB	C31/630KMB
670	900	170	4900	11200	695	480	630	315	C39/670M	C39/670KM
	980	230	8150	16300	1000	430	600	590	C30/670M	C30/670KM
	1090	336	11800	21200	1290	380	500	1300	C31/670MB	C31/670KMB
710	950	180	6000	12500	780	450	630	360	C39/710M	C39/710KM
	1030	236	8800	17300	1060	400	560	655	C30/710M	C30/710KM
	1030	315	10600	21600	1320	320	430	865	C40/710M	C40/710K30M
	1150	345	13400	25500	1530	340	480	1470	C31/710MB	C31/710KMB
750	1000	185	6100	13400	815	430	560	410	C39/750M	C39/750KM
	1090	250	9500	19300	1160	380	530	838	C30/750MB	C30/750KMB
	1220	365	16000	30500	1800	320	450	1810	C31/750MB	C31/750KMB
800	1060	195	6400	14600	880	380	530	480	C39/800M	C39/800KM
	1150	258	9300	19300	1140	360	480	941	C30/800MB	C30/800KMB
	1280	375	15600	30500	1560	300	400	2030	C31/800MB	C31/800KMB
850	1120	200	7350	16300	960	360	480	530	C39/850M	C39/850KM
	1220	272	11600	24500	1430	320	450	1110	C30/850MB	C30/850KMB
	1360	400	16600	33500	1900	280	380	2450	C31/850MB	C31/850KMB
900	1180	206	8300	18600	1080	360	450	633	C39/900MB	C39/900KMB
	1280	280	12700	26500	1530	300	400	1200	C30/900MB	C30/900KMB
950	1250	224	9300	22000	1250	300	430	784	C39/950MB	C39/950KMB
	1360	300	13200	28500	1600	280	380	1487	C30/950MB	C30/950KMB
1000	1420	308	13700	30500	1700	260	360	1680	C30/1000MB	C30/1000KMB
	1580	462	20400	45500	2500	220	300	3800	C31/1000MB	C31/1000KMB
1060	1400	250	11000	26000	1430	260	360	1120	C39/1060MB	C39/1060KMB
1180	1540	272	13400	33500	1800	220	300	1400	C39/1180MB	C39/1180KMB
1250	1750	375	22000	49000	2550	180	240	2980	C30/1250MB	C30/1250KMB

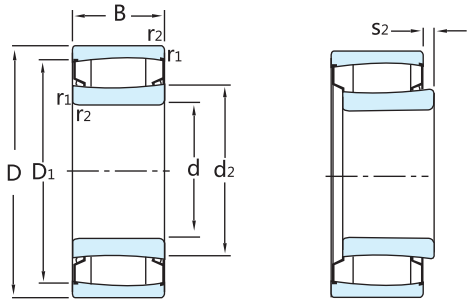


尺寸 Dimensions					挡肩及倒角尺寸 Abutment and chamfer dimensions						计算系数 Calculation factors	
d	d ₂	D ₁	r _{1,2}	s ₁ ¹⁾	d _a _{min}	d _a _{max}	D _a _{min}	D _a _{max}	C _a _{min} ²⁾	r _a _{max}	k ₁	k ₂
mm			min	~	mm						-	
630	699	785	6	35.5	653	723	766	827	2.4	5	0.121	0.11
	716	840	7.5	48.1	658	759	807	892	2.9	6	0.118	0.104
	741	916	7.5	23.8	662	740	868	998	5.7	6		0.102
670	764	848	6	40.5	693	789	830	877	2.5	5	0.121	0.113
	775	905	7.5	41.1	698	820	874	952	2.9	6	0.121	0.101
	792	964	7.5	41	702	791	922	1058	11	6		0.109
710	772	877	6	30.7	733	797	847	927	2.7	5	0.131	0.098
	806	946	7.5	47.3	738	853	908	1002	3.2	6	0.119	0.104
	803	935	7.5	51.2	738	843	911	1002	4.4	6	0.113	0.101
	842	1013	9.5	47.8	750	841	973	1110	11	8		0.094
750	830	934	6	35.7	773	856	908	977	2.7	5	0.131	0.101
	854	993	7.5	28.6	778	852	961	1062	7.4	6		0.11
	884	1077	9.5	33	790	883	1025	1180	9.3	8		0.094
800	888	990	6	45.7	823	917	967	1037	2.9	5	0.126	0.106
	908	1048	7.5	45.9	828	905	1020	1122	7.2	6		0.114
	843	1134	9.5	39.4	840	941	1085	1240	14	8		0.097
850	940	1053	6	35.9	873	963	1025	1097	2.9	5	0.135	0.098
	964	1113	7.5	24	878	963	1077	1192	7.7	6		0.097
	1013	1201	12	62.8	898	1011	1159	1312	14	10		0.103
900	986	1113	6	22.9	923	984	1086	1157	5.8	5		0.101
	1005	1173	7.5	24.8	928	1003	1126	1252	9	6		0.1
950	1042	1167	7.5	14.5	978	1040	1139	1222	6.6	6		0.098
	1075	1241	7.5	37.8	978	1073	1204	1332	8.7	6		0.107
1000	1130	1295	7.5	44.9	1028	1128	1260	1392	8.5	6		0.11
	1191	1372	12	70.1	1048	1189	1338	1532	15	10		0.108
1060	1168	1308	7.5	38.4	1088	1164	1282	1372	6	6		0.11
1180	1291	1439	7.5	19.6	1208	1289	1405	1512	6.2	6		0.097
1250	1392	1614	9.5	40.3	1290	1390	1559	1710	12	8		0.126

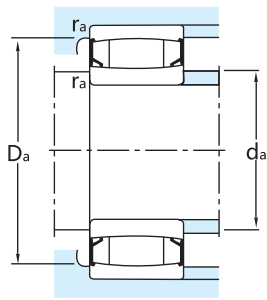


基本尺寸 Basic Size			基本额定负荷 Basic load rating		疲劳负 荷极限 Fatigue load limit	额定转速 Rated Speed	质量 Mass	型号Designation(Design)
d	D	B	动态 dynamic C	静态 static C ₀	P _u	极限转速 Limit Speed	kg	-
mm			kN		kN	r/min		
50	72	40	140	224	24.5	200	0.56	C6910-2CS5V
60	85	45	150	240	26.5	170	0.83	C6912-2CS5V
65	100	35	102	173	20.4	150	1.05	C4013-2CS5V
75	105	54	204	325	37.5	140	1.4	C6915-2CS5V
	115	40	143	193	23.2	130	1.4	C4015-2CS5V
90	125	46	224	400	44	110	1.75	C5918-2CS5V
100	150	50	310	450	50	95	2.9	C4020-2CS5V
	165	65	475	655	69.5	90	5.2	C4120-2CS5V
110	170	60	415	585	63	85	4.6	C4022-2CS5V
	180	69	500	710	75	85	6.6	C4122-2CS5V
120	180	60	430	640	67	80	5.1	C4024-2CS5V
	200	80	710	1000	100	75	9.7	C4124-2CS5V
130	200	69	550	830	85	70	7.5	C4026-2CS5V
	210	80	750	1100	108	70	10.5	C4126-2CS5V
140	210	69	570	900	88	67	7.9	C4028-2CS5V
	225	85	780	1200	116	63	12.5	C4128-2CS5V
150	225	75	585	965	93	63	10	C4030-2CS5V
	250	100	1220	1860	173	60	20.5	C4130-2CS5V
160	240	80	655	1100	104	60	12	C4032-2CS5V
	270	109	1460	2160	200	53	26	C4132-2CS5V
170	260	90	965	1630	150	53	17	C4034-2CS5V
	280	109	1530	2280	208	53	27	C4134-2CS5V
180	280	100	1320	2120	193	53	23.5	C4036-2CS5V
	300	118	1760	2700	240	48	35	C4136-2CS5V

尺寸 Dimensions					挡肩及倒角尺寸 Abutment and chamfer dimensions				计算系数 Calculation factors	
d	d ₂	D ₁	r _{1,2}	s ₁ ¹⁾	d _a	d _a	D _a	r _a	k ₁	k ₂
mm	~	~	min	~	min	max	max	max	-	-
50	57.6	64.9	0.6	2.8	53.2	57	68.8	0.6	0.113	0.091
60	68	75.3	1	5.4	64.6	67	80.4	1	0.128	0.083
65	78.6	87.5	1.1	5.9	71	78.6	94	1	0.071	0.181
75	83.6	95.5	1	7.1	79.6	83	100	1	0.073	0.154
	88.5	104	1.1	7.3	81	88	111	1	0.21	0.063
90	102	113	1.1	4.5	96	101	119	1	0.089	0.131
100	114	136	1.5	6.2	107	113	143	1.5	0.145	0.083
	120	148	2	7.3	111	119	154	2	0.09	0.125
110	128	155	2	7.9	119	127	161	2	0.142	0.083
	130	161	2	8.2	121	130	169	2	0.086	0.133
120	140	164	2	7.5	129	139	171	2	0.085	0.142
	140	176	2	8.2	131	139	189	2	0.126	0.087
130	152	182	2	8.2	139	151	191	2	0.089	0.133
	153	190	2	7.5	141	152	199	2	0.09	0.126
140	163	193	2	8.7	149	162	201	2	0.133	0.089
	167	204	2.1	8.9	152	166	213	2	0.086	0.134
150	175	204	2.1	10.8	161	174	214	2	0.084	0.144
	179	221	2.1	6.4	162	178	238	2	0.103	0.103
160	188	218	2.1	11.2	170	187	230	2	0.154	0.079
	190	241	2.1	6.7	172	189	258	2	0.101	0.105
170	201	237	2.1	9	180	199	250	2	0.116	0.097
	200	251	2.1	6.7	182	198	268	2	0.101	0.106
180	204	246	2.1	6.4	190	202	270	2	0.103	0.105
	211	265	3	6.4	194	209	286	2.5	0.095	0.11



基本尺寸 Basic Size			基本额定负荷 Basic load rating		疲劳负荷极限 Fatigue load limit	额定转速 Rated Speed	质量 Mass	型号Designation(Design)
d	D	B	动态 dynamic C	静态 static C ₀	P ₀	根限转速 Limit Speed	kg	-
mm			kN		kN	r/min		
190	290	100	1370	2320	204	48	24.5	C4038-2CS5V
	320	128	2040	3150	275	45	43.5	C4138-2CS5V
200	310	109	1630	2650	232	45	31.0	C4040-2CS5V
	340	140	2360	3650	315	43	54.5	C4140-2CS5V



尺寸 Dimensions					挡肩及倒角尺寸 Abutment and chamfer dimensions				计算系数 Calculation factors	
d	d ₂	D ₁	r _{1,2}	s ₁ ¹⁾	d _a _{min}	d _a _{max}	D _a _{max}	r _a _{max}	k ₁	k ₂
mm	~	~	min	~	mm				-	
190	221	263	2.1	6.4	200	219	280	2	0.103	0.106
	222	283	3	6.4	204	220	306	2.5	0.094	0.111
200	229	280	2.1	6.7	210	227	300	2	0.101	0.108
	237	301	3	7	214	235	326	2.5	0.092	0.112