

WNBZ

WNBZ

PRODUCT CATALOG

- SPHERICAL ROLLER BEARING

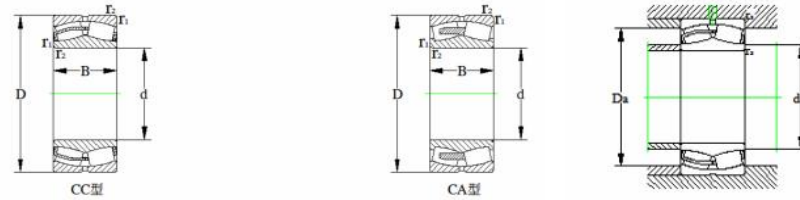
Web: www.nbz-bearing.com
E-mail: wnbzbearing@gmail.com
Add: Wafangdian, Dalian, China
P.C.: 116300

E-mail: wnbzbearing@gmail.com

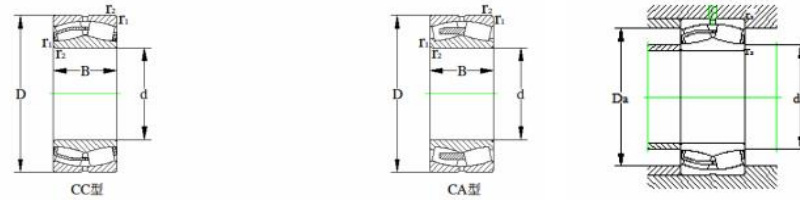


CONTENTS

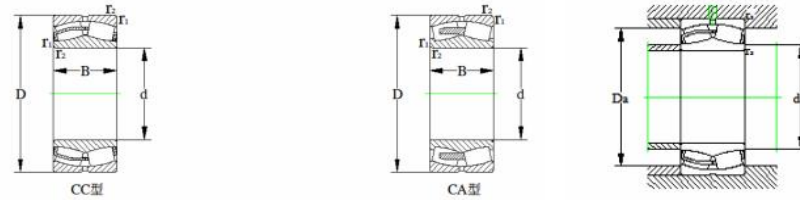
1	Spherical roller bearing	P 3
2	Split spherical roller bearings	P 24



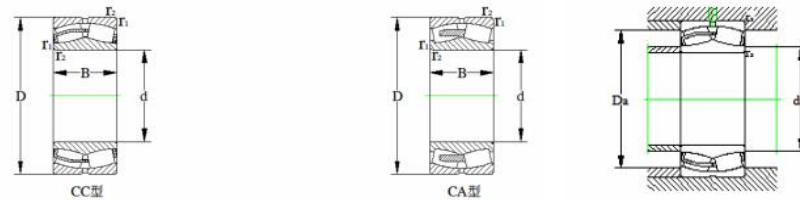
Boundary Dimensions (mm)				Basic Load Ratings(kN)		Speed Ratings(rpm)		Designation		Abutment and Fillet Dimensions (mm)			Calculation Factors				Mass (kg)
d	D	B	r _{1,2min}	Cr	Cor	Grease	oil	new	old	d _{a min}	D _{a max}	r _{a max}	e	y ₁	y ₂	y ₀	Refer.
90	150	72	3	345	550	2300	3000	24018CAX3		94	142	2.5	0.46	2.2	2.2	1.43	4.94
	150	72	3	345	550	2300	3000	24018CAX3/W20		94	142	2.5	0.46	2.2	2.2	1.43	4.94
100	150	37	1.5	212	335	2200	2800	23020CA/W33	3053120KH	109	141	1.5	0.22	3.1	4.6	3	2.31
	150	50	1.5	276	470	1800	2400	24020CA/W33	4053120KH	109	141	1.5	0.3	2.3	3.4	2.2	3.08
	165	52	2	345	530	1700	2200	23120CA/W33	3053720KH	110	155	2	0.3	2.3	3.4	2.2	4.38
	165	65	2	345	535	1600	2200	24120CA/W33	4053720KH	110	155	2	0.35	1.9	2.9	1.9	5.42
	170	65	2	355	520	1600	2200	24120CAX1		110	155	2	0.37	1.82	2.7	1.78	6.21
	180	46	2.1	365	490	2400	3200	22220CA/W33	53520KH	112	168	2	0.24	2.9	4.3	2.8	4.84
	180	60.3	2.1	420	605	1600	2200	23220CA/W33	3053220KH	112	168	2	0.32	2.1	3.2	2.1	6.6
	215	73	3	690	930	1900	2400	22320CA/W33	53620KH	114	201	2.5	0.33	2	3	2	12.7
110	170	45	2	293	465	2000	2400	23022CA/W33	3053122KH	120	160	2	0.24	2.8	4.2	2.8	3.76
	170	60	2	380	645	1600	2200	24022CA/W33	4053122KH	120	160	2	0.32	2.1	3.1	2.1	4.96
	170	60	2	380	645	1600	2200	24022CC/W33		120	160	2	0.32	2.1	3.1	2.1	4.96
	180	56	2	385	630	1600	2000	23122CA/W33	3053722KH	120	170	2	0.28	2.4	3.5	2.3	5.7
	180	56	2	385	630	1600	2000		3203722	120	170	2	0.28	2.4	3.5	2.3	5.7
	180	69	2	460	750	1600	2000	24122CA/W33	4053722KH	120	170	2	0.36	1.9	2.8	1.8	6.84
	180	69	2	460	750	1600	2000	24122CC/W33		120	170	2	0.36	1.9	2.8	1.8	6.84
	200	53	2.1	485	645	2200	2800	22222CA/W33	53522KH	122	188	2	0.25	2.7	4	2.6	6.99
	200	53	2.1	485	645	2200	2800	22223CAK	153522	122	188	2	0.25	2.7	4	2.6	6.99
	200	69.8	2.1	515	760	1500	1900	23222CA/W33	3053222KH	122	188	2	0.34	2	3	1.9	9.54
	240	50	3	450	545	1300	1700	21322CA/W33	53322KH	124	226	2.5	0.22	3.1	4.6	3	11.2
	240	80	3	825	1120	1700	2200	22322CA/W33	53622KH	124	226	2.5	0.33	2.1	3.1	2	17.6
240	92.1	3	840	1000	1700	2200	23322BZD/C4/W33		124	226	2.5	0.39	1.73	2.58	1.69	20.7	
120	180	46	2	315	525	1800	2200	23024CA/W33	3053124KH	130	170	2	0.22	3	4.5	2.9	4.11
	180	60	2	395	705	1500	2000	24024CA/W33	4053124KH	130	170	2	0.32	2.1	3.2	2.1	5.33
	180	60	2	395	705	1500	2000	24024CC/W33		130	170	2	0.32	2.1	3.2	2.1	5.33



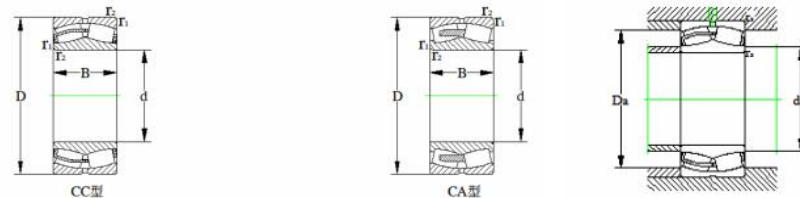
Boundary Dimensions (mm)				Basic Load Ratings(kN)		Speed Ratings(rpm)		Designation		Abutment and Fillet Dimensions (mm)			Calculation Factors				Mass (kg)
d	D	B	r _{1,2min}	Cr	Cor	Grease	oil	new	old	d _{a min}	D _{a max}	r _{a max}	e	y ₁	y ₂	y ₀	Refer.
	200	62	2	465	720	1400	1800	23124CA/W33	3053724KH	130	190	2	0.29	2.4	3.5	2.3	7.85
	200	80	2	575	950	1400	1800	24124CA/W33	4053724KH	130	190	2	0.37	1.8	2.7	1.8	10
	215	58	2.1	550	765	2000	2600	22224CA/W33	53524KH	132	203	2	0.25	2.7	3.9	2.6	8.8
	215	76	2.1	630	970	1300	1700	23224CA/W33	3053224KH	132	203	2	0.34	2	2.9	1.9	12.1
	260	106	3	1000	1370	1300	1700	23324CA/W33		134	246	2.5	0.32	2.1	3.1	2	29.1
130	200	52	2	400	655	1700	2000	23026CA/W33	3053126KH	140	190	2	0.23	2.9	4.3	2.8	5.98
	200	69	2	495	865	1400	1800	24026CA/W33	4053126KH	140	190	2	0.31	2.2	3.2	2.1	7.84
	200	69	2	495	865	1400	1800	24026CC/W33		140	190	2	0.31	2.2	3.2	2.1	7.84
	210	64	2	505	825	1300	1700	23126CA/W33	3053726KH	140	200	2	0.28	2.4	3.6	2.4	8.69
	210	80	2	590	1010	1300	1700	24126CA/W33	4053726KH	140	200	2	0.35	1.9	2.9	1.9	10.7
	230	64	3	655	940	1900	2400	22226CA/W33	53526KH	144	216	2.5	0.26	2.6	3.8	2.5	11
	230	80	3	700	1080	1200	1600	23226CA/W33	3053226KH	144	216	2.5	0.34	2	2.9	1.9	14.3
	230	100	3	750	1220	1100	1500	24226CA/W33		144	216	2.5	0.45	1.5	2.2	1.5	17.6
	280	93	4	995	1350	1300	1600	22326CA/W33	53626KH	148	262	3	0.34	2	2.9	1.9	28.1
	280	112	4	1120	1560	1200	1600	23326CA/W33		148	262	3	0.45	1.5	2.3	1.5	35.5
140	210	53	2	420	715	1600	1900	23028CA/W33	3053128KH	150	200	2	0.22	3	4.5	2.9	6.49
	210	69	2	525	945	1300	1700	24028CA/W33	4053128KH	150	200	2	0.29	2.3	3.4	2.2	8.37
	210	69	2	525	945	1300	1700	24028CC/W33		150	200	2	0.29	2.3	3.4	2.2	8.37
	225	68	2.1	580	945	1200	1600	23128CA/W33	3053728KH	152	213	2	0.28	2.4	3.6	2.3	10.5
	225	85	2.1	670	1160	1200	1600	24128CA/W33	4053728KH	152	213	2	0.35	1.9	2.9	1.9	13
	250	68	3	645	930	1400	1700	22228CA/W33	53528KH	154	236	2.5	0.25	2.7	4	2.6	14.5
	250	88	3	835	1300	1100	1500	23228CA/W33	3053228KH	154	236	2.5	0.35	1.9	2.9	1.9	18.8
	250	109	3	880	1460	1000	1400	24228CA/W33		154	236	2.5	0.46	1.5	2.2	1.4	24.2
	300	102	4	1160	1590	1200	1500	22328CA/W33	53628KH	158	282	3	0.35	1.9	2.9	1.9	35.4



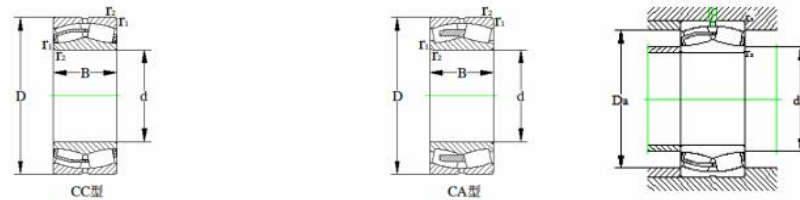
Boundary Dimensions (mm)				Basic Load Ratings(kN)		Speed Ratings(rpm)		Designation		Abutment and Fillet Dimensions (mm)			Calculation Factors				Mass (kg)
d	D	B	$r_{1.2min}$	Cr	Cor	Grease	oil	new	old	$d_a min$	$D_a max$	$r_a max$	e	y_1	y_2	y_0	Refer.
300	118	4	1250	1730	1100	1500	23328CA/W33			158	282	3	0.43	1.6	2.3	1.5	42.5
150	210	45	2	334	622	1500	1700	23930CA/W33	3053930KH	160	200	2	0.2	3.44	5.12	3.36	4.97
	225	56	2.1	470	815	1400	1800	23030CA/W33	3053130KH	162	213	2	0.22	3.1	4.6	3	7.9
	225	75	2.1	590	1090	1200	1500	24030CA/W33	4053130KH	162	213	2	0.3	2.3	3.4	2.2	10.5
	225	75	2.1	590	1090	1200	1500	24030CC/W33		162	213	2	0.3	2.3	3.4	2.2	10.5
	250	80	2.1	725	1180	1100	1400	23130CA/W33	3053730KH	162	238	2	0.3	2.3	3.4	2.2	15.8
	250	100	2.1	890	1530	1100	1400	24130CA/W33	4053730KH	162	238	2	0.38	1.8	2.6	1.7	19.8
	250	100	2.1	890	1530	1100	1400	24130CC/W33		162	238	2	0.38	1.8	2.6	1.7	19.8
	270	73	3	765	1120	1300	1600	22230CA/W33	53530KH	164	256	2.5	0.26	2.6	3.9	2.5	18.4
	270	96	3	975	1560	1100	1400	23230CA/W33	3053230KH	164	256	2.5	0.35	1.9	2.9	1.9	24.2
	270	118	3	1020	1660	1000	1300	24230CA/W33		164	256	2.5	0.46	1.5	2.2	1.4	30.5
	320	108	4	1220	1690	1100	1400	22330CA/W33	53630KH	168	302	3	0.35	1.9	2.9	1.9	41.5
	320	128	4	1460	2080	1000	1300	23330CA/W33		168	302	3	0.44	1.5	2.3	1.5	52.5
320	128	4	1460	2080	1000	1300	23330CA/W33		168	302	3	0.44	1.5	2.3	1.5	52.5	
152.43	270	100	2.1	852	1425	1200	1600	26/152.43CA/W33		165	238	2	0.37	1.8	2.7	1.8	19.5
	270	86	2.1	803	1300	1300	1700	26/152.43CA/W33		169	258	2	0.3	2.3	3.4	2.2	20.5
160	220	45	2	360	675	1400	1800	23932CA/W33	3053932KH	170	210	2	0.18	3.8	5.6	3.7	4.97
	220	60	2	393	807	1400	1800	24932CA/W33		170	210	2	0.24	2.8	4.2	2.8	6.85
	240	60	2.1	540	955	1300	1700	23032CA/W33	3053132KH	172	228	2	0.22	3	4.5	2.9	9.66
	240	80	2.1	680	1260	1100	1400	24032CA/W33	4053132KH	172	228	2	0.3	2.3	3.4	2.2	12.7
	240	80	2.1	680	1260	1100	1400	24032CC/W33		172	228	2	0.3	2.3	3.4	2.2	12.7
	270	86	2.1	855	1400	1000	1300	23132CA/W33	3053732KH	172	258	2	0.3	2.3	3.4	2.2	20.3
	270	109	2.1	1040	1760	1000	1300	24132CA/W33	4053732KH	172	258	2	0.39	1.7	2.6	1.7	25.4
	290	80	3	910	1320	1200	1500	22232CA/W33	53532KH	174	276	2.5	0.26	2.6	3.8	2.5	23.1



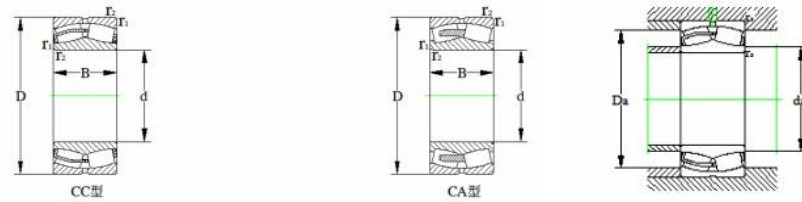
Boundary Dimensions (mm)				Basic Load Ratings(kN)		Speed Ratings(rpm)		Designation		Abutment and Fillet Dimensions (mm)			Calculation Factors				Mass (kg)
d	D	B	r _{1.2min}	Cr	Cor	Grease	oil	new	old	d _{a min}	D _{a max}	r _{a max}	e	y ₁	y ₂	y ₀	Refer.
290	104	3	1100	1770	1000	1200	23232CA/W33	3053232KH	174	276	2.5	0.34	2	2.9	1.9	30.5	
290	128	3	1120	1800	950	1300	24232CA/W33		174	276	2.5	0.47	1.4	2.1	1.4	36	
340	114	4	1360	1900	1100	1300	22332CA/W33	53632KH	178	322	3	0.35	1.9	2.9	1.9	49.3	
340	136	4	1630	2240	1100	1300	23332CA/W33		178	322	3	0.44	1.5	2.3	1.5	61.5	
165.13	310	110	4	1159	1830	950	1300	26/165.13CA/W33		183	292	3	0.35	1.9	2.9	1.8	37.5
170	230	45	2	350	660	1400	1800	23934BCA/W33	3053934KH	180	220	2	0.17	3.9	5.8	3.8	5.38
260	67	2.1	640	1090	1200	1600	23034CA/W33	3053134KH	182	248	2	0.23	2.9	4.3	2.8	13	
260	90	2.1	825	1520	1000	1300	24034CA/W33	4053134KH	182	248	2	0.31	2.2	3.2	2.1	17.3	
280	88	2.1	940	1570	1000	1300	23134CA/W33	3053734KH	182	268	2	0.29	2.3	3.5	2.3	21.8	
280	109	2.1	1080	1860	1000	1300	24134CA/W33	4053734KH	182	268	2	0.37	1.8	2.7	1.8	26.6	
310	86	4	990	1500	1100	1400	22234CA/W33	53534KH	188	292	3	0.26	2.6	3.8	2.5	28.8	
310	110	4	1200	1910	900	1200	23234CA/W33	3053234KH	188	292	3	0.34	2	2.9	1.9	36.4	
310	140	4	1290	2080	900	1200	24234CA/W33		188	292	3	0.48	1.4	2.1	1.4	45	
360	120	4	1580	2110	1000	1200	22334CA/W33	53634KH	188	342	3	0.35	1.9	2.9	1.9	57.9	
360	140	4	1760	2500	1000	1200	23334CA/W33		188	342	3	0.43	1.6	2.3	1.5	71.8	
180	250	52	2	470	890	1200	1600	23936CA/W33	3053936KH	190	240	2	0.18	3.7	5.5	3.6	7.64
280	74	2.1	750	1270	1200	1400	23036CA/W33	3053136KH	192	268	2	0.24	2.8	4.2	2.8	17.1	
280	100	2.1	965	1750	950	1200	24036CA/W33	4053136KH	192	268	2	0.32	2.1	3.1	2	22.7	
280	100	2.1	965	1750	950	1200	24036CA/W33	4053136KH	192	268	2	0.32	2.1	3.1	2	22.7	
300	96	3	1050	1760	900	1200	23136CA/W33	3053736KH	194	286	2.5	0.3	2.3	3.4	2.2	27.5	
300	118	3	1190	2040	900	1200	24136CA/W33	4053736KH	194	286	2.5	0.37	1.8	2.7	1.8	33.1	
320	86	4	1020	1540	1100	1300	22236CA/W33	53536KH	198	302	3	0.26	2.6	3.9	2.6	30.2	
320	112	4	1300	2110	850	1100	23236CA/W33	3053236KH	198	302	3	0.33	2	3	2	38.9	



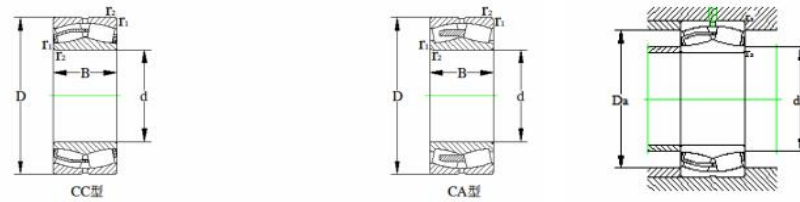
Boundary Dimensions (mm)				Basic Load Ratings(kN)		Speed Ratings(rpm)		Designation		Abutment and Fillet Dimensions (mm)			Calculation Factors				Mass (kg)
d	D	B	r _{1.2min}	Cr	Cor	Grease	oil	new	old	d _{a min}	D _{a max}	r _{a max}	e	y ₁	y ₂	y ₀	Refer.
	320	140	4	1430	2400	850	1100	24236CA/W33		198	302	3	0.46	1.5	2.2	1.4	50.4
	380	126	4	1740	2340	950	1200	22336CA/W33	53636KH	198	362	3	0.34	2	2.9	1.9	67
	380	150	4	2000	2850	950	1200	23336CA/W33		198	362	3	0.44	1.5	2.3	1.5	86.1
190	260	52	2	460	875	1200	1500	23938CA/W33	3053938KH	200	250	2	0.18	3.8	5.7	3.7	8.03
	290	75	2.1	775	1350	1100	1400	23038CA/W33	3053138KH	202	278	2	0.24	2.8	4.2	2.8	17.6
	290	100	2.1	975	1840	900	1200	24038CA/W33	4053138KH	202	278	2	0.31	2.2	3.2	2.1	24
	320	104	3	1190	2020	850	1100	23138CA/W33	3053738KH	204	306	2.5	0.31	2.2	3.3	2.2	34.5
	320	128	3	1370	2330	850	1100	24138CA/W33	4053738KH	204	306	2.5	0.4	1.7	2.5	1.6	41.5
	320	128	3	1370	2330	850	1100	24138CC/W33		204	306	2.5	0.4	1.7	2.5	1.6	41.5
	340	92	4	1140	1730	1000	1200	22238CA/W33	53538KH	208	322	3	0.26	2.6	3.8	2.5	35.5
	340	120	4	1440	2350	800	1100	23238CA/W33	3053238KH	208	322	3	0.35	1.9	2.9	1.9	47.6
	340	150	4	1600	2700	800	1100	24238CA/W33		208	322	3	0.47	1.4	2.1	1.4	61.2
	400	132	5	1890	2590	900	1100	22338CA/W33	53638KH	212	378	4	0.34	2	2.9	1.9	78.1
	400	155	5	2120	3050	900	1100	23338CA/W33		212	378	4	0.43	1.6	2.3	1.5	98
200	280	60	2.1	570	1060	1100	1400	23940CA/W33	3053940KH	212	268	2	0.2	3.4	5.1	3.3	11
	310	82	2.1	940	1700	1000	1300	23040CA/W33	3053140KH	212	298	2	0.25	2.7	4	2.6	22.6
	310	109	2.1	1140	2120	850	1100	24040CA/W33	4053140KH	212	298	2	0.32	2.1	3.1	2	30.4
	340	112	3	1360	2330	800	1000	23140CA/W33	3053740KH	214	326	2.5	0.31	2.2	3.2	2.1	42.7
	340	140	3	1570	2670	800	1000	24140CA/W33	4053740KH	214	326	2.5	0.39	1.8	2.6	1.7	51.3
	360	98	4	1300	2010	950	1200	22240CA/W33	53540KH	218	342	3	0.26	2.6	3.8	2.5	42.6
	360	128	4	1660	2750	750	1000	23240CA/W33	3053240KH	218	342	3	0.34	2	2.9	1.9	57.1
	360	160	4	1760	3050	750	1000	24240CA/W33		218	342	3	0.48	1.4	2.1	1.4	73.8



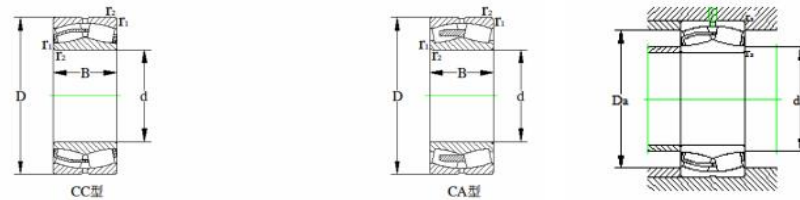
Boundary Dimensions (mm)				Basic Load Ratings(kN)		Speed Ratings(rpm)		Designation		Abutment and Fillet Dimensions (mm)			Calculation Factors				Mass (kg)
d	D	B	r _{1,2min}	Cr	Cor	Grease	oil	new	old	d _{a min}	D _{a max}	r _{3 max}	e	y ₁	y ₂	y ₀	Refer.
420	138	5	2000	2990	850	1000	22340CA/W33	53640KH	222	398	4	0.34	2	2.9	1.9	92.6	
420	165	5	2400	3450	850	1000	23340CA/W33		222	398	4	0.43	1.5	2.3	1.5	115	
220	300	60	2.1	625	1240	1000	1300	23944CA/W33	3053944KH	232	288	2	0.18	3.8	5.7	3.7	12.2
340	90	3	1090	1980	950	1200	23044CA/W33	3053144KH	234	326	2.5	0.24	2.8	4.1	2.7	29.7	
340	118	3	1360	2600	750	1000	24044CA/W33	4053144KH	234	326	2.5	0.31	2.1	3.2	2.1	40.5	
370	120	4	1570	2710	710	950	23144CA/W33	3053744KH	238	352	3	0.3	2.2	3.3	2.2	53	
370	150	4	1800	3200	710	950	24144CA/W33	4053744KH	238	352	3	0.39	1.7	2.6	1.7	66.7	
400	108	4	1570	2430	850	1000	22244CA/W33	53544KH	238	382	3	0.27	2.5	3.7	2.4	59	
400	144	4	2020	3400	670	900	23244CA/W33	3053244KH	238	382	3	0.35	1.9	2.9	1.9	80.4	
400	150	4	2040	3400	670	900	23244X2CA/W33	3053244X2KH	238	382	3	0.41	1.64	2.44	1.61	81.9	
400	180	4	2200	3750	650	900	24244CA/W33		238	382	3	0.48	1.4	2.1	1.4	103	
460	145	5	2350	3400	750	950	22344CA/W33	53644KH	242	438	4	0.33	2	3	2	116	
240	320	60	2.1	635	1300	950	1200	23948CA/W33	3053948KH	252	308	2	0.17	4	6	3.9	13.3
360	92	3	1160	2140	850	1100	23048CA/W33	3053148KH	254	346	2.5	0.24	2.8	4.2	2.7	32.6	
360	118	3	1390	2730	710	950	24048CA/W33	4053148KH	254	346	2.5	0.29	2.3	3.4	2.2	43.4	
400	128	4	1790	3100	670	850	23148CA/W33	3053748KH	258	382	3	0.3	2.2	3.3	2.2	66.9	
400	160	4	2130	3800	670	850	24148CA/W33	4053748KH	258	382	3	0.38	1.8	2.7	1.8	79.5	
440	120	4	1870	2890	750	950	22248CA/W33	53548KH	258	422	3	0.27	2.5	3.7	2.4	80.2	
440	160	4	2440	4050	630	800	23248CA/W33	3053248KH	258	422	3	0.37	1.8	2.7	1.8	106	
440	200	4	2650	4550	600	800	24248CA/W33		258	422	3	0.49	1.4	2	1.3	140	
500	155	5	2600	3800	670	850	22348CA/W33	53648KH	262	478	4	0.32	2.1	3.2	2.1	147	



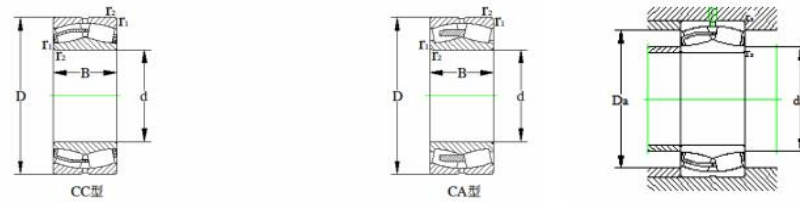
Boundary Dimensions (mm)				Basic Load Ratings(kN)		Speed Ratings(rpm)		Designation		Abutment and Fillet Dimensions (mm)			Calculation Factors				Mass (kg)
d	D	B	r _{1,2min}	Cr	Cor	Grease	oil	new	old	d _{a min}	D _{a max}	r _{a max}	e	y ₁	y ₂	y ₀	Refer.
260	320	45	2	366	883	850	1100	23852CA/W33	3053852KH	270	310	2	0.12	5.6	8.4	5.6	8.05
	360	70	2.1	805	1590	850	1000	23952X2CA/W33	3053952X2KH	272	348	2	0.18	3.76	5.6	3.67	21.6
	360	75	2.1	930	1870	850	1000	23952CA/W33	3053952KH	272	348	2	0.19	3.6	5.4	3.5	23
	360	100	2.1	1070	2375	850	1100	24952CA/W33	4053952KH	272	348	2	0.24	2.8	4.2	2.8	32
	400	104	4	1430	2580	800	950	23052CA/W33	3053152KH	278	382	3	0.25	2.7	4.1	2.7	46.6
	400	140	4	1810	3500	630	850	24052CA/W33	4053152KH	278	382	3	0.32	2.1	3.1	2.1	62.6
	440	144	4	2160	3750	600	800	23152CA/W33	3053752KH	278	422	3	0.32	2.1	3.2	2.1	88.2
	440	180	4	2560	4700	600	800	24152CA/W33	4053752KH	278	422	3	0.39	1.7	2.6	1.7	109
	480	130	5	2180	3400	670	850	22252CA/W33	53552KH	282	458	4	0.27	2.5	3.7	2.5	104
	480	174	5	2740	4550	560	750	23252CA/W33	3053252KH	282	458	4	0.37	1.8	2.7	1.8	137
	480	218	5	3150	5400	530	670	24252CA/W33		282	458	4	0.49	1.4	2	1.3	182
	540	165	6	3100	4600	630	800	22352CA/W33	53652KH	288	512	5	0.32	2.1	3.2	2.1	180
280	350	52	2	480	1121	800	1000	23856CA/W33	3053856KH	290	340	2	0.12	5.6	8.4	5.6	12
	380	75	2.1	925	1950	800	950	23956CA/W33	3053956KH	292	368	2	0.18	3.9	5.7	3.8	24.5
	380	100	2.1	1016	2327	800	1000	24956CA/W33	4053956KH	292	368	2	0.23	2.9	4.4	2.8	34.5
	420	106	4	1540	2950	710	900	23056CA/W33	3053156KH	298	402	3	0.24	2.8	4.2	2.7	50.5
	420	140	4	1880	3800	600	800	24056CA/W33	4053156KH	298	402	3	0.31	2.2	3.3	2.2	66.4
	440	160	4	2180	4250	580	780	2656CA/W33		298	422	3	0.35	1.92	2.86	1.88	88.6
	460	146	5	2230	4000	560	750	23156CA/W33	3053756KH	302	438	4	0.3	2.2	3.3	2.2	94.3
	460	180	5	2640	5000	560	750	24156CA/W33	4053756KH	302	438	4	0.37	1.8	2.7	1.8	115
	500	130	5	2280	3650	630	800	22256CA/W33	53556KH	302	478	4	0.25	2.7	4	2.6	110
	500	176	5	2880	4900	530	670	23256CA/W33	3053256KH	302	478	4	0.35	1.9	2.9	1.9	147



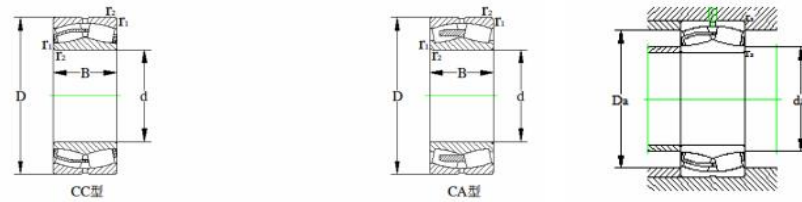
Boundary Dimensions (mm)				Basic Load Ratings(kN)		Speed Ratings(rpm)		Designation		Abutment and Fillet Dimensions (mm)			Calculation Factors				Mass (kg)
d	D	B	r _{1.2min}	Cr	Cor	Grease	oil	new	old	d _{a min}	D _{a max}	r _{3 max}	e	y ₁	y ₂	y ₀	Refer.
	500	218	5	3250	5850	500	670	24256CA/W33		302	478	4	0.46	1.5	2.2	1.4	192
	580	175	6	3500	5150	560	710	22356CA/W33	53656KH	308	552	5	0.31	2.1	3.2	2.1	221
300	380	60	2.1	612	1482	700	900	23860CA/W33	3053860KH	312	368	2	0.13	5.2	7.7	5	17
	420	90	3	1230	2490	710	900	23960CA/W33	3053960KH	314	406	2.5	0.19	3.5	5.2	3.4	38.2
	460	118	4	1920	3700	670	850	23060CA/W33	3053160KH	318	442	3	0.24	2.8	4.2	2.7	70.5
	460	160	4	2310	4600	530	710	24060CA/W33	4053160KH	318	442	3	0.32	2.1	3.1	2	93.6
	500	160	5	2670	4800	500	670	23160CA/W33	3053760KH	322	478	4	0.31	2.2	3.3	2.2	125
	500	200	5	3100	5800	500	670	24160CA/W33	4053760KH	322	478	4	0.38	1.8	2.6	1.7	152
	540	140	5	2610	4250	600	750	22260CA/W33	53560KH	322	518	4	0.25	2.7	4	2.6	139
	540	192	5	3400	5900	480	630	23260CA/W33	3053260KH	322	518	4	0.35	1.9	2.9	1.9	189
	540	243	5	3900	7200	450	600	24260CA/W33		322	518	4	0.48	1.4	2.1	1.4	254
	620	185	7.5	3950	5900	400	520	22360CA/W33	53660KH	350	572	6	0.31	2.2	3.3	2.2	264
320	400	60	2.1	639	1577	950	1300	23864CA/W33	3053864KH	332	388	2	0.12	5.6	8.4	5.6	17.5
	400	80	2.1	870	2210	900	1200	24864CA/W33		332	388	2	0.17	3.9	5.81	3.82	22.8
	440	90	3	1300	2750	670	850	23964CA/W33	3053964KH	334	426	2.5	0.18	3.7	5.5	3.6	40.6
	480	121	4	1960	3850	630	800	23064CA/W33	3053164KH	338	462	3	0.24	2.8	4.2	2.8	75.6
	480	160	4	2440	5050	500	670	24064CA/W33	4053164KH	338	462	3	0.31	2.2	3.3	2.2	99.7
	540	176	5	3050	5500	480	600	23164CA/W33	3053764KH	342	518	4	0.31	2.1	3.2	2.1	162
	540	218	5	3550	6650	480	600	24164CA/W33	4053764KH	342	518	4	0.39	1.7	2.6	1.7	196
	580	150	5	2990	4850	530	670	22264CA/W33	53564KH	342	558	4	0.26	2.6	3.9	2.6	174
	580	208	5	3900	6900	450	600	23264CA/W33	3053264KH	342	558	4	0.36	1.9	2.8	1.8	239
	580	213	5	4000	7050	450	600	23264X2CA/W33	3053264X2KH	342	558	4	0.36	1.86	2.77	1.82	241



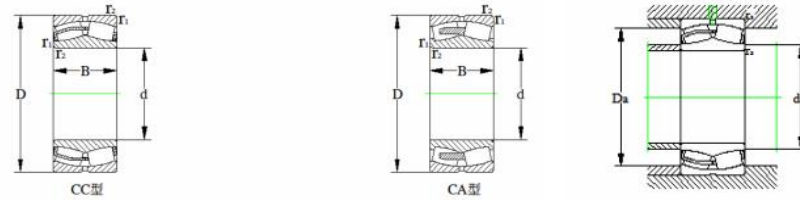
Boundary Dimensions (mm)				Basic Load Ratings(kN)		Speed Ratings(rpm)		Designation		Abutment and Fillet Dimensions (mm)			Calculation Factors				Mass (kg)
d	D	B	r _{1.2min}	Cr	Cor	Grease	oil	new	old	d _{a min}	D _{a max}	r _{a max}	e	y ₁	y ₂	y ₀	Refer.
	580	258	5	4300	8000	430	560	24264CA/W33		342	558	4	0.48	1.4	2.1	1.4	313
	670	200	7.5	4250	6550	400	530	22364CA/W33	53664KH	342	478	4	0.33	2.1	3.1	2	356
340	420	60	2.1	655	1643	630	800	23868CA/W33	3053868KH	352	408	2	0.12	5.6	8.4	5.6	18.5
	460	90	3	1330	2840	630	800	23968CA/W33	3053968KH	354	446	2.5	0.18	3.8	5.7	3.7	42.4
	520	133	5	2280	4400	560	710	23068CA/W33	3053168KH	362	498	4	0.24	2.8	4.2	2.8	101
	520	180	5	2920	6050	480	600	24068CA/W33	4053168KH	362	498	4	0.32	2.1	3.2	2.1	135
	580	190	5	3600	6600	430	560	23168CA/W33	3053768KH	362	558	4	0.31	2.1	3.2	2.1	206
	580	243	5	4250	7900	430	560	24168CA/W33	4053768KH	362	558	4	0.4	1.7	2.5	1.7	257
	620	165	6	3450	5600	430	560	22268CA/W33	53568KH	368	592	5	0.28	2.4	3.6	2.4	226
	620	224	6	4400	7800	400	530	23268CA/W33	3053268KH	368	592	5	0.36	1.9	2.8	1.8	295
	620	280	6	5400	10000	380	500	24268CA/W33		368	592	5	0.47	1.4	2.1	1.4	390
	710	212	7.5	5000	7800	360	480	22368CA/W33	53668KH	368	682	5	0.33	2.1	3.1	2	422
360	440	60	2.1	677	1767	600	750	23872CA/W33	3053872KH	372	428	1	0.11	6.1	9.1	6.3	20
	480	72	3	1090	2350	630	800	22972CA/W33		374	466	2.5	0.14	4.94	7.36	4.83	37.1
	480	90	3	1390	3050	600	750	23972CA/W33	3053972KH	374	466	2.5	0.17	4.1	6	4	44.7
	540	134	5	2390	4700	530	670	23072CA/W33	3053172KH	382	518	4	0.24	2.8	4.2	2.8	106
	540	180	5	2930	6100	450	600	24072CA/W33	4053172KH	382	518	4	0.32	2.1	3.2	2.1	139
	600	192	5	3800	7100	400	530	23172CA/W33	3053772KH	382	578	4	0.31	2.2	3.2	2.1	217
	600	243	5	4200	8000	400	530	24172CA/W33	4053772KH	382	578	4	0.4	1.7	2.5	1.7	264
	650	170	6	3553	5890	600	750	22272CA/W33	53572KH	388	622	5	0.26	2.6	3.9	2.5	255
	650	232	6	4800	8550	380	500	23272CA/W33	3053272KH	388	622	5	0.36	1.9	2.8	1.8	342



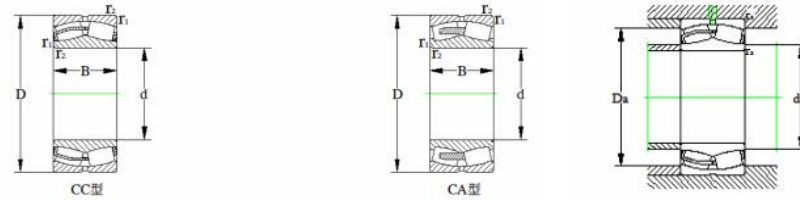
Boundary Dimensions (mm)				Basic Load Ratings(kN)		Speed Ratings(rpm)		Designation		Abutment and Fillet Dimensions (mm)			Calculation Factors				Mass (kg)
d	D	B	r _{1,2min}	Cr	Cor	Grease	oil	new	old	d _{a min}	D _{a max}	r _{3 max}	e	y ₁	y ₂	y ₀	Refer.
750	224	7.5	5500	8650	360	480	22372CA/W33	53672KH	388	718	5	0.33	2.1	3.1	2	503	
380	520	106	4	1870	4100	530	670	23976CA/W33	3053976KH	398	502	3	0.18	3.7	5.5	3.6	65.4
	560	135	5	2500	5100	530	630	23076CA/W33	3053176KH	402	538	4	0.22	3	4.5	3	113
	560	180	5	3050	6600	430	560	24076CA/W33	4053176KH	402	538	4	0.29	2.3	3.4	2.3	148
	620	194	5	4000	7600	400	500	23176CA/W33	3053776KH	402	598	4	0.3	2.2	3.3	2.2	229
	620	243	5	4350	8450	400	500	24176CA/W33	4053776KH	402	598	4	0.38	1.8	2.6	1.7	275
	680	175	6	4050	6950	380	480	22276CA/W33	53576KH	408	652	5	0.27	2.5	3.7	2.4	288
	680	240	6	5150	9200	360	480	23276CA/W33	3053276KH	408	652	5	0.35	1.9	2.9	1.9	372
	680	245	6	5250	9650	360	480	23276X2CA/W33	3053276X2KH	408	652	5	0.36	1.89	2.82	1.85	382
	780	230	7.5	5850	9300	340	450	22376CA/W33	53676KH	412	748	6	0.32	2.1	3.2	2.1	554
400	500	100	2.1	1330	3500	600	800	24880CA/W33	4053880KH	412	488	2	0.18	3.76	5.59	3.67	45.3
	540	106	4	1890	4250	530	630	23980CA/W33	3053980KH	418	522	3	0.18	3.9	5.7	3.8	69.1
	600	148	5	2970	5900	480	600	23080CA/W33	3053180KH	422	578	4	0.23	3	4.4	2.9	146
	600	200	5	3600	7600	400	500	24080CA/W33	4053180KH	422	578	4	0.31	2.2	3.3	2.2	193
	650	200	6	4150	7900	380	480	23180CA/W33	3053780KH	428	622	5	0.29	2.3	3.4	2.3	257
	650	250	6	4950	10100	380	480	24180CA/W33	4053780KH	428	622	5	0.37	1.8	2.7	1.8	316
	720	185	6	4550	7650	360	450	22280CA/W33	53580KH	428	692	5	0.26	2.6	3.8	2.5	343
	720	256	6	5800	10400	340	450	23280CA/W33	3053280KH	428	692	5	0.36	1.9	2.8	1.9	449
	720	260	6	5850	10600	340	450	23280X2CA/W33		428	692	5	0.37	1.81	2.69	1.77	457
	720	315	6	6950	13200	320	430	24280CA/W33		428	692	5	0.45	1.5	2.2	1.5	582
	820	243	7.5	6232	9880	360	450	22380CA/W33	53680KH	436	784	6	0.3	2.3	3.4	2.2	650



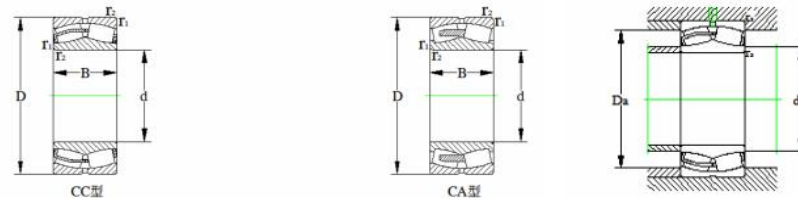
Boundary Dimensions (mm)				Basic Load Ratings(kN)		Speed Ratings(rpm)		Designation		Abutment and Fillet Dimensions (mm)			Calculation Factors				Mass (kg)
d	D	B	r _{1,2min}	Cr	Cor	Grease	oil	new	old	d _{a min}	D _{a max}	r _{3 max}	e	y ₁	y ₂	y ₀	Refer.
420	520	75	2.1	1090	2710	530	630	23884CA/W33	3053884KH	432	508	2	0.12	5.42	8.08	5.3	34.8
	560	106	4	1870	4250	500	600	23984CA/W33	3053984KH	438	542	3	0.17	4	6	3.9	71.6
	620	150	5	2910	5850	450	560	23084CA/W33	3053184KH	442	598	4	0.23	2.9	4.3	2.8	151
	620	200	5	3750	8100	380	480	24084CA/W33	4053184KH	442	598	4	0.31	2.2	3.2	2.1	199
700	224	6	5000	9400	340	450	23184CA/W33	3053784KH	448	672	5	0.31	2.2	3.3	2.2	341	
	280	6	6000	12000	340	450	24184CA/W33	4053784KH	448	672	5	0.38	1.8	2.6	1.7	421	
760	195	7.5	5000	8300	320	430	22284CA/W33	53584KH	456	724	6	0.27	2.5	3.7	2.4	405	
	272	7.5	6450	11700	320	430	23284CA/W33	3053284KH	456	724	6	0.35	1.9	2.9	1.9	534	
	335	7.5	8150	16000	300	400	24284CA/W33		456	724	6	0.45	1.5	2.2	1.5	702	
850	250	9.5	6800	11000	300	400	22384CA/W33	53684KH	460	810	8	0.33	2.1	3.1	2	704	
440	600	118	4	2190	4800	450	560	23988CAF3/W33	3053988K	458	582	3	0.18	3.9	5.7	3.8	96.3
	650	157	6	3150	6350	430	530	23088CAF3/W33	3053188K	468	622	5	0.23	2.9	4.3	2.8	173
	650	212	6	4150	9100	360	450	24088CAF3/W33	4053188K	468	622	5	0.31	2.1	3.2	2.1	237
	720	226	6	5300	10300	320	430	23188CAF3/W33	3053788K	468	692	5	0.3	2.2	3.3	2.2	360
	720	280	6	6000	12100	320	430	24188CAF3/W33	4053788K	468	692	5	0.37	1.8	2.7	1.8	433
	790	200	7.5	5300	8800	320	420	22288CAF3/W33	53588K	476	754	6	0.27	2.5	3.7	2.4	446
	790	280	7.5	6900	12800	300	400	23288CAF3/W33	3053288K	476	754	6	0.35	1.9	2.9	1.9	594
	790	285	7.5	6900	12800	300	400	23288X2CAF3/W33	3053288X2K	476	754	6	0.36	1.88	2.8	1.84	595
	790	345	7.5	8500	17000	300	400	24288CAF3/W33		476	754	6	0.45	1.5	2.2	1.5	778
	900	265	9.5	7650	12500	300	400	22388CAF3/W33	53688K	480	860	8	0.33	2.1	3.1	2	844
460	580	118	3	1700	4655	450	560	24892CAF3/W33		474	566	2.5	0.17	4	5.9	3.7	75.5



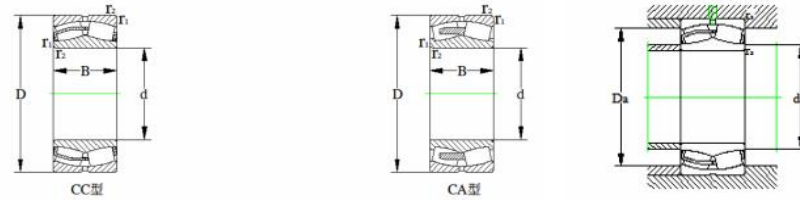
Boundary Dimensions (mm)				Basic Load Ratings(kN)		Speed Ratings(rpm)		Designation		Abutment and Fillet Dimensions (mm)			Calculation Factors				Mass (kg)
d	D	B	r _{1.2min}	Cr	Cor	Grease	oil	new	old	d _{a min}	D _{a max}	r _{a max}	e	y ₁	y ₂	y ₀	Refer.
620	118	4	2220	4950	430	530	23992CAF3/W33	3053992K	478	602	3	0.17	4	5.9	3.9	100	
620	140	4	2440	6000	420	520	24992X2CAF3/W33		478	602	3	0.21	3.22	4.8	3.15	122	
680	163	6	3450	7100	400	500	23092CAF3/W33	3053192K	488	652	5	0.22	3.1	4.6	3	201	
680	218	6	4500	9950	340	430	24092CAF3/W33	4053192K	488	652	5	0.29	2.3	3.4	2.3	266	
760	240	7.5	5700	10900	300	400	23192CAF3/W33	3053792K	496	724	6	0.31	2.2	3.3	2.2	423	
760	300	7.5	6300	12400	300	400	24192CAF3/W33	4053792K	496	724	6	0.39	1.7	2.6	1.7	512	
830	212	7.5	5850	10200	300	400	22292CAF3/W33	53592K	496	794	6	0.27	2.5	3.7	2.4	530	
830	296	7.5	7350	13700	280	380	23292CAF3/W33	3053292K	496	794	6	0.36	1.9	2.8	1.8	691	
830	365	7.5	9500	19000	280	380	24292CAF3/W33		496	794	6	0.45	1.5	2.2	1.5	913	
950	280	9.5	8500	14000	260	360	22392CAF3/W33	53692K	500	910	8	0.33	2.1	3.1	2	1000	
480	600	90	3	1368	3562	430	530	23896CAF3/W33	3053896K	494	586	2.5	0.13	5.2	7.7	5	61
650	128	5	2580	5850	400	500	23996CAF3/W33	3053996K	502	628	4	0.18	3.8	5.7	3.7	121	
700	165	6	3800	7950	400	480	23096CAF3/W33	3053196K	508	672	5	0.22	3.1	4.6	3	211	
700	218	6	4600	10200	320	430	24096CAF3/W33	4053196K	508	672	5	0.3	2.3	3.4	2.2	270	
790	248	7.5	6050	11700	300	380	23196CAF3/W33	3053796K	516	754	6	0.31	2.2	3.3	2.2	475	
790	308	7.5	7150	14600	300	380	24196CAF3/W33	4053796K	516	754	6	0.39	1.7	2.6	1.7	567	
870	224	7.5	6400	11200	280	380	22296CAF3/W33	53596H	516	834	6	0.27	2.5	3.7	2.4	613	
870	310	7.5	7850	14400	260	360	23296CAF3/W33	3053296H	516	834	6	0.36	1.9	2.8	1.8	795	
870	388	7.5	10600	21200	260	360	24296CAF3/W33		516	834	6	0.46	1.5	2.2	1.4	1080	
980	290	9.5	9000	15000	260	360	22396CAF3/W33	53696K	520	940	8	0.33	2.1	3.1	2	1100	
500	620	90	3	1406	3800	430	530	238/500CAF3/W33	30538/500K	514	606	2.5	0.12	5.6	8.4	5.6	62



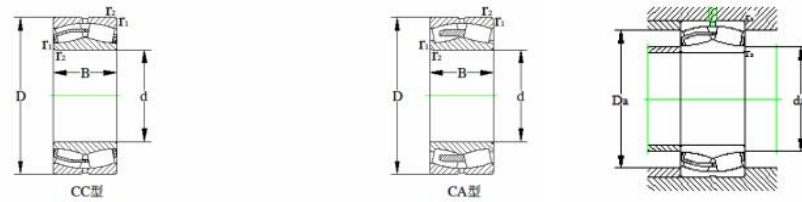
Boundary Dimensions (mm)				Basic Load Ratings(kN)		Speed Ratings(rpm)		Designation		Abutment and Fillet Dimensions (mm)			Calculation Factors				Mass (kg)
d	D	B	r _{1.2min}	Cr	Cor	Grease	oil	new	old	d _{a min}	D _{a max}	r _{a max}	e	y ₁	y ₂	y ₀	Refer.
670	128	5	2460	5550	400	500	239/500CAF3/W33	30539/500K	522	648	4	0.17	4	6	3.9	124	
670	170	5	3250	8000	380	480	249/500CAF3/W33	40539/500K	522	648	4	0.24	2.9	4.3	2.8	175	
720	167	6	3750	8100	380	480	230/500CAF3/W33	30531/500K	528	692	5	0.21	3.2	4.8	3.1	220	
720	218	6	4450	9900	300	400	240/500CAF3/W33	40531/500K	528	692	5	0.3	2.3	3.4	2.2	276	
830	264	7.5	6850	13400	280	360	231/500CAF3/W33	30537/500K	536	794	6	0.31	2.2	3.2	2.1	567	
830	325	7.5	8000	16000	280	360	241/500CAF3/W33	40537/500K	536	794	6	0.39	1.7	2.6	1.7	666	
920	243	7.5	7350	12900	280	360	222/500CAF3/W33	535/500K	536	884	6	0.28	2.4	3.6	2.3	758	
920	336	7.5	9000	16600	260	320	232/500CAF3/W33	30532/500K	536	884	6	0.38	1.8	2.7	1.8	969	
920	412	7.5	11600	23200	260	320	242/500CAF3/W33		536	884	6	0.47	1.4	2.2	1.4	1290	
1030	300	12	9800	16300	240	300	223/500CAF3/W33	536/500K	546	984	10	0.32	2.1	3.1	2	1260	
530	650	118	3	1748	5035	380	480	248/530CAF3/W33		544	636	2.5	0.15	4.5	6.7	4.5	86
710	136	5	2930	6800	360	450	239/530CAF3/W33	30539/530K	552	688	4	0.17	4	6	3.9	149	
710	180	5	3650	9000	340	430	249/530CAF3/W33	40539/530K	552	688	4	0.24	2.9	4.3	2.8	208	
780	185	6	4400	9200	340	430	230/530CAF3/W33	30531/530K	558	752	5	0.22	3.1	4.6	3	298	
780	250	6	5400	11800	280	360	240/530CAF3/W33	40531/530K	558	752	5	0.31	2.2	3.3	2.2	390	
870	272	7.5	7150	14100	260	340	231/530CAF3/W33	30537/530K	566	834	6	0.3	2.2	3.3	2.2	628	
870	335	7.5	8500	17500	260	340	241/530CAF3/W33	40537/530K	566	834	6	0.38	1.8	2.6	1.7	773	
980	258	9.5	8300	14600	260	320	222/530CAF3/W33	535/530K	574	936	8	0.28	2.4	3.6	2.4	914	
980	355	9.5	10100	18800	240	300	232/530CAF3/W33	30532/530K	574	936	8	0.38	1.8	2.7	1.7	1170	
980	450	9.5	13400	27500	220	280	242/530CAF3/W33		574	936	8	0.48	1.4	2.1	1.4	1610	
1090	325	12	11000	18300	220	280	223/530CAF3/W33	536/530K	584	1036	10	0.33	2	3.1	2	1530	



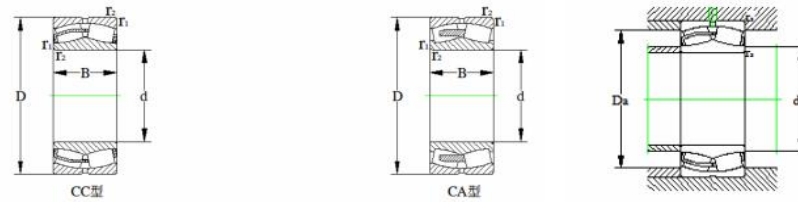
Boundary Dimensions (mm)				Basic Load Ratings(kN)		Speed Ratings(rpm)		Designation		Abutment and Fillet Dimensions (mm)			Calculation Factors				Mass (kg)
d	D	B	$r_{1.2min}$	Cr	Cor	Grease	oil	new	old	$d_a min$	$D_a max$	$r_a max$	e	y_1	y_2	y_0	Refer.
540	820	195	6	5000	10700	320	400	26/540CAF3/W33X		591	776	5	0.22	3	4.5	2.9	377
545	755	230	4	4550	10800	320	400	26/545CAF3/W33X		563	737	3	0.28	2.45	3.65	2.4	301
560	680	90	3	1650	4450	360	460	238/560CAF3/W33	30538/560K	564	666	2.5	0.11	5.97	8.88	5.83	66.1
	750	140	5	3100	7250	340	430	239/560CA/W33	30539/560K	582	728	4	0.16	4.1	6.1	4	172
	750	190	5	4050	10200	320	400	249/560CAF3/W33	40539/560K	582	728	4	0.24	2.9	4.3	2.8	246
	820	195	6	5000	10700	320	400	230/560CAF3/W33	30531/560K	588	792	5	0.22	3	4.5	2.9	344
	820	258	6	5950	13300	260	340	240/560CAF3/W33	40531/560K	588	792	5	0.3	2.2	3.3	2.2	440
	920	280	7.5	7850	15500	240	320	231/560CAF3/W33	30537/560K	596	884	6	0.3	2.3	3.4	2.2	727
	920	355	7.5	9400	19600	240	320	241/560CAF3/W33	40537/560K	596	884	6	0.39	1.8	2.6	1.7	886
	1030	272	9.5	9000	16000	240	300	222/560CAF3/W33	535/560K	604	986	8	0.28	2.4	3.6	2.3	1060
	1030	365	9.5	10900	20500	220	280	232/560CAF3/W33	30532/560K	604	986	8	0.36	1.9	2.8	1.8	1320
	1030	475	9.5	14600	30000	220	260	242/560CAF3/W33		604	986	8	0.48	1.4	2.1	1.4	1860
1150	335	12	12000	20400	200	260	223/560CAF3/W33	536/560K	614	1096	10	0.32	2.1	3.1	2.1	1750	
780	130	5	2740	6500	340	430	26/580CAF3/W33X		627	742	4	0.15	4.6	6.9	4.5	178	
600	800	150	5	3450	8100	320	400	239/600CAF3/W33	30539/600K	622	778	4	0.17	3.9	5.9	3.9	205
	800	200	5	4500	11400	320	380	249/600CAF3/W33	40539/600K	622	778	4	0.23	2.9	4.4	2.9	292
	820	175	6	3800	8850	300	380	26/600CAF3/W33X		654	776	5	0.18	3.7	5.5	3.6	271
	870	200	6	5450	12200	300	360	230/600CAF3/W33	30531/600K	628	842	5	0.21	3.3	4.8	3.2	389
	870	272	6	6600	15100	240	320	240/600CAF3/W33	40531/600K	628	842	5	0.3	2.2	3.3	2.2	529
	980	300	7.5	8750	17500	220	280	231/600CAF3/W33	30537/600K	636	944	6	0.3	2.3	3.4	2.2	898
	980	375	7.5	10400	21900	220	280	241/600CAF3/W33	40537/600K	636	944	6	0.39	1.8	2.6	1.7	1050



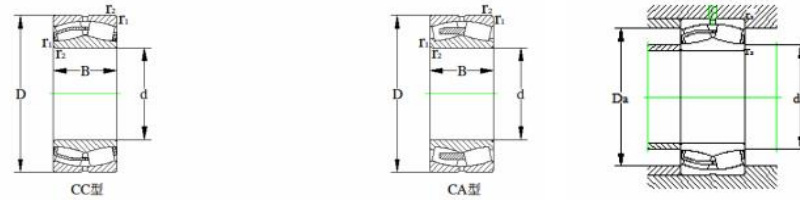
Boundary Dimensions (mm)				Basic Load Ratings(kN)		Speed Ratings(rpm)		Designation		Abutment and Fillet Dimensions (mm)			Calculation Factors				Mass (kg)
d	D	B	r _{1.2min}	Cr	Cor	Grease	oil	new	old	d _{a min}	D _{a max}	r _{a max}	e	y ₁	y ₂	y ₀	Refer.
1090	280	9.5	9650	17300	200	280	222/600CAF3/W33	535/600K	644	1046	8	0.27	2.5	3.7	2.4	1180	
	388	9.5	12700	24900	200	260	232/600CAF3/W33	30532/600K	644	1046	8	0.36	1.9	2.8	1.8	1590	
	488	9.5	16000	33500	180	260	242/600CAF3/W33		644	1046	8	0.47	1.5	2.2	1.4	2130	
630	780	112	4	2080	5795	320	400	238/630CAF3/W33	30538/630K	648	762	3	0.12	5.6	8.4	5.6	120
	780	150	4	3050	8800	320	380	248/630CAF3/W33		648	762	3	0.17	4.07	6.06	3.98	158
	850	145	6	3450	7950	300	380	239/630X2CAF3/W		685	805	5	0.15	4.4	6.6	4.3	227
650	850	165	6	4000	9350	300	360	239/630CAF3/W33	239/630K	658	822	5	0.18	3.8	5.6	3.7	259
	850	212	6	5200	12900	280	360	249/630CAF3/W33	40539/630K	658	822	5	0.24	2.8	4.2	2.8	371
920	212	7.5	5900	12700	280	340	230/630CAF3/W33	30531/630K	666	884	6	0.22	3.1	4.7	3.1	468	
	290	7.5	7550	17700	220	300	240/630CAF3/W33	40531/630K	666	884	6	0.3	2.2	3.3	2.2	637	
1030	315	7.5	9600	19400	200	260	231/630CAF3/W33	30537/630K	666	994	6	0.3	2.3	3.4	2.2	1040	
	400	7.5	11300	23900	200	260	241/630CAF3/W33	40537/630K	666	994	6	0.38	1.8	2.7	1.7	1250	
1150	300	12	11000	20000	180	240	222/630CAF3/W33	535/630K	684	1096	10	0.28	2.4	3.6	2.4	1440	
	412	12	13400	25600	180	240	232/630CA/W33	30532/630K	684	1096	10	0.36	1.9	2.8	1.8	1850	
	515	12	17600	37500	180	240	242/630CAF3/W33		684	1096	10	0.47	1.5	2.2	1.4	2510	
670	820	112	4	2137	6080	280	360	238/670CAF3/W33	30538/670K	688	802	3	0.11	6.1	9.1	6.3	130
	900	170	6	4350	10300	260	340	239/670CA/W33	30539/670K	698	872	5	0.17	3.9	5.8	3.8	300
900	230	6	5700	14600	260	340	249/670CAF3/W33	40539/670K	698	872	5	0.24	2.8	4.2	2.8	433	
920	170	6	4350	10300	260	340	239/670X1CAF3/W		726	874	5	0.17	3.9	5.8	3.8	343	
980	230	7.5	6850	15000	240	320	230/670CAF3/W33	30531/670K	706	944	6	0.22	3.1	4.7	3.1	571	
	308	7.5	8450	19500	200	260	240/670CAF3/W33	40531/670K	706	944	6	0.3	2.2	3.3	2.2	773	
1090	336	7.5	10600	21600	190	240	231/670CAF3/W33	30537/670K	706	1054	6	0.3	2.2	3.3	2.2	1230	



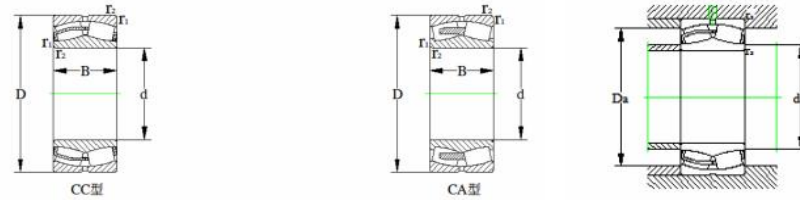
Boundary Dimensions (mm)				Basic Load Ratings(kN)		Speed Ratings(rpm)		Designation		Abutment and Fillet Dimensions (mm)			Calculation Factors				Mass (kg)
d	D	B	r _{1,2min}	Cr	Cor	Grease	oil	new	old	d _{a min}	D _{a max}	r _{a max}	e	y ₁	y ₂	y ₀	Refer.
	1090	412	7.5	12400	26500	190	240	241/670CAF3/W33	40537/670K	706	1054	6	0.37	1.8	2.7	1.8	1440
	1220	315	12	12200	22400	190	240	222/670CAF3/W33	535/670K	724	1166	10	0.27	2.5	3.7	2.4	1700
	1220	438	12	14900	28700	170	220	232/670CAF3/W33	30532/670K	724	1166	10	0.37	1.8	2.7	1.8	2210
	1220	545	12	19600	40500	170	200	242/670CAF3/W33		724	1166	10	0.47	1.4	2.2	1.4	2960
675	920	153	6	3950	8950	180	260	26/675CAF3/W33X		732	874	5	0.15	4.6	6.9	4.5	296
680	980	220	7.5	6050	14000	160	200	26/680CAF3/W33X		716	944	6	0.21	3.17	4.72	3.1	550
710	950	180	6	4800	11700	240	300	239/710CAF3/W33	30539/710K	738	922	5	0.17	3.9	5.8	3.8	352
	950	243	6	5576	14820	200	280	249/710CAF3/W33	40539/710K	738	922	5	0.22	3	4.6	2.8	495
	1030	236	7.5	7100	15800	240	280	230/710CAF3/W33	30531/710K	746	994	6	0.22	3.1	4.6	3	647
	1030	315	7.5	8850	20700	190	240	240/710CAF3/W33	40531/710K	746	994	6	0.29	2.3	3.4	2.2	861
	1150	345	9.5	11800	24500	180	240	231/710CAF3/W33	30537/710K	785	1083	8	0.29	2.3	3.4	2.3	1420
	1150	438	9.5	13900	30500	170	220	241/710CAF3/W33	40537/710K	754	1106	8	0.38	1.8	2.6	1.7	1730
	1280	325	12	13700	24500	170	220	222/710CAF3/W33	535/710K	764	1226	10	0.27	2.5	3.7	2.4	1900
	1280	450	12	15700	30500	160	200	232/710CAF3/W33	30532/710K	764	1226	10	0.36	1.9	2.8	1.8	2470
	1280	560	12	20800	43000	160	200	242/710CAF3/W33		764	1226	10	0.46	1.5	2.2	1.5	3300
730	980	170	6	4600	10700	200	260	26/730CAF3/W33X		789	932	5	0.15	4.4	6.6	4.3	347
750	920	128	5	2783	8075	240	320	238/750CAF3/W33	30538/750K	772	898	4	0.11	6.1	9.1	6.3	135
	1000	185	6	5250	12800	220	280	239/750CAF3/W33	30539/750K	778	972	5	0.17	4.1	6	4	398
	1000	200	6	5250	12800	220	280	239/750X2CAF3/W		810	952	5	0.17	4.1	6	4	433
	1000	250	6	7750	17200	190	260	249/750CAF3/W33	40539/750K	778	972	5	0.22	3	4.6	3.2	560
	1090	250	7.5	7750	17200	220	260	230/750CAF3/W33	30531/750K	786	1054	6	0.22	3.1	4.6	3	768



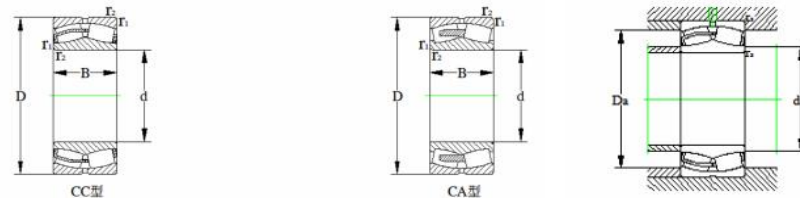
Boundary Dimensions (mm)				Basic Load Ratings(kN)		Speed Ratings(rpm)		Designation		Abutment and Fillet Dimensions (mm)			Calculation Factors				Mass (kg)
d	D	B	r _{1,2min}	Cr	Cor	Grease	oil	new	old	d _{a min}	D _{a max}	r _{a max}	e	y ₁	y ₂	y ₀	Refer.
	1090	335	7.5	10100	24000	180	220	240/750CAF3/W33	40531/750K	786	1054	6	0.29	2.3	3.4	2.2	1030
	1220	365	9.5	13100	27300	160	200	231/750CAF3/W33	30537/750K	826	1152	8	0.29	2.3	3.4	2.3	1700
	1220	475	9.5	17600	40500	160	200	241/750CAF3/W33	40537/750K	826	1152	8	0.38	1.8	2.6	1.7	2290
	1360	345	15	14600	27000	140	190	222/750CAF3/W33	535/750K	814	1296	12	0.27	2.5	3.7	2.4	2340
	1360	475	15	17700	35500	140	190	232/750CAF3/W33	30532/750K	814	1296	12	0.36	1.9	2.8	1.8	2980
760	1140	285	7.5	8600	19200	200	260	26/760CAF3/W33X		828	1081	6	0.23	3	4.4	2.9	1010
	1140	325	7.5	10000	23800	200	240	26/760CAF3/W33X		796	1104	6	0.24	2.79	4.15	2.73	1104
780	1180	285	7.5	9850	21100	220	260	26/780CAF3/W33X		849	1121	6	0.22	3.1	4.6	3	1100
	1220	375	9.5	12800	28700	210	240	26/780CAF3/W33X		824	1176	8	0.3	2.25	3.34	2.2	1615
790	1100	310	7.5	8650	21000	220	260	26/790CAF3/W33X		826	1064	6	0.24	2.76	4.11	2.7	857
800	980	180	5	3933	12255	180	240	248/800CAF3/W33		822	958	4	0.15	4.5	6.7	4.5	300
	1060	195	6	5600	13700	220	260	239/800CAF3/W33	30539/800K	828	1032	5	0.17	4	6	3.9	462
	1060	258	6	7500	20000	220	240	249/800CAF3/W33	40539/800K	828	1032	5	0.23	3	4.4	2.9	646
	1150	258	7.5	8350	19100	200	240	230/800CAF3/W33	30531/800K	836	1114	6	0.21	3.2	4.7	3.1	870
	1150	280	7.5	8350	19100	180	220	230/800X2CAF3/W		836	1114	6	0.21	3.2	4.7	3.1	941
	1150	345	7.5	10900	26300	160	200	240/800CAF3/W33	40531/800K	836	1114	6	0.27	2.5	3.7	2.5	1130
	1280	375	9.5	13800	29200	150	190	231/800CAF3/W33	30537/800K	844	1236	8	0.28	2.4	3.6	2.3	1870
	1280	475	9.5	17480	38475	130	170	241/800CAF3/W33	40537/800K	844	1236	8	0.35	1.9	2.9	1.8	2300
	1420	488	15	20300	41000	130	170	232/800CAF3/W33	30532/800K	864	1356	12	0.35	1.9	2.8	1.9	3250
850	1030	136	5	3173	9500	190	260	238/850CAF3/W33	30538/850K	872	1008	4	0.11	6.1	9.1	6.3	240



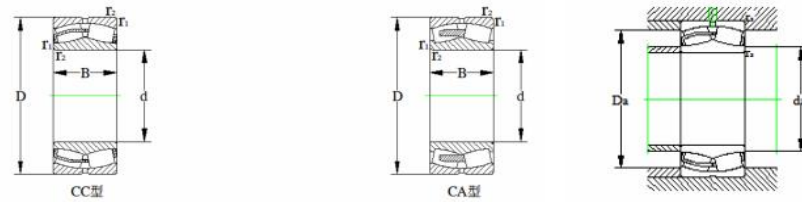
Boundary Dimensions (mm)				Basic Load Ratings(kN)		Speed Ratings(rpm)		Designation		Abutment and Fillet Dimensions (mm)			Calculation Factors				Mass (kg)
d	D	B	r _{1,2min}	Cr	Cor	Grease	oil	new	old	d _{a min}	D _{a max}	r _{3 max}	e	y ₁	y ₂	y ₀	Refer.
1120	200	6	6100	15200	190	240	239/850CAF3/W33	30539/850K	878	1092	5	0.16	4.2	6.2	4.1	523	
1120	272	6	7760	21660	170	220	249/850CAF3/W33	40539/850K	878	1092	5	0.22	3	4.6	2.8	740	
1220	272	7.5	9300	21400	180	220	230/850CAF3/W33	30531/850K	886	1184	6	0.21	3.2	4.8	3.1	1020	
1220	290	7.5	9150	22000	180	220	230/850X2CAF3/W		886	1184	6	0.23	2.98	4.44	2.92	1103	
1220	305	7.5	9300	23500	170	220	230/850X2CAF3/W		886	1184	6	0.22	3.1	4.6	3	1170	
1220	330	7.5	11000	26900	160	210	240/850X2CAF3/W		886	1184	6	0.23	2.9	4.31	2.83	1203	
1220	365	7.5	11600	28300	150	190	240/850CAF3/W33	40531/850K	886	1184	6	0.28	2.4	3.6	2.4	1350	
1360	400	12	15800	34000	130	180	231/850CAF3/W33	30537/850K	941	1279	10	0.28	2.4	3.5	2.3	2260	
1360	500	12	21200	48000	130	170	241/850CAF3/W33	40537/850K	941	1279	10	0.36	1.9	2.8	1.8	2970	
1500	515	15	22300	45500	120	160	232/850CAF3/W33	30532/850K	914	1436	12	0.35	1.9	2.8	1.9	3890	
900	1090	190	5	4427	14535	170	220	248/900CAF3/W33		922	1068	4	0.14	4.8	7.2	4.5	370
1180	206	6	6600	16700	180	220	239/900CAF3/W33	30539/900K	928	1152	5	0.16	4.3	6.4	4.2	591	
1180	280	6	9150	24500	170	220	249/900CAF3/W33	40539/900K	928	1152	5	0.22	3.1	4.6	3	852	
1280	280	7.5	9850	22800	160	200	230/900CAF3/W33	30531/900K	936	1244	6	0.2	3.3	4.9	3.2	1160	
1280	305	7.5	10300	24800	160	200	230/900X2CAF3/W		936	1244	6	0.2	3.3	4.9	3.2	1250	
1280	375	7.5	12800	31500	140	180	240/900CAF3/W33	40531/900K	936	1244	6	0.28	2.4	3.6	2.4	1520	
1420	412	12	17000	37000	120	160	231/900CAF3/W33	30537/900K	993	1338	10	0.28	2.4	3.6	2.3	2490	
1580	515	15	23400	47500	110	140	232/900CAF3/W33	30532/900K	964	1516	12	0.33	2	3	2	4300	
950	1250	224	7.5	7600	19900	160	200	239/950CAF3/W33	30539/950K	986	1214	6	0.16	4.2	6.3	4.1	732
1250	300	7.5	8740	24700	140	180	249/950CAF3/W33	40539/950K	986	1214	6	0.21	3.2	4.8	3.2	1000	
1280	260	7.5	8650	22200	140	180	26/950CAF3/W33X		986	1244	6	0.17	3.98	5.92	3.89	921	
1330	300	7.5	8400	21200	130	170	230/950X1CAF3/W		986	1294	6	0.18	3.66	5.46	3.58	1214	



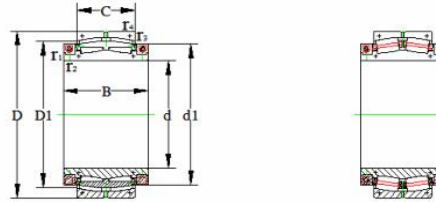
Boundary Dimensions (mm)				Basic Load Ratings(kN)		Speed Ratings(rpm)		Designation		Abutment and Fillet Dimensions (mm)			Calculation Factors				Mass (kg)
d	D	B	r _{1.2min}	Cr	Cor	Grease	oil	new	old	d _{a min}	D _{a max}	r _{3 max}	e	y ₁	y ₂	y ₀	Refer.
1360	300	7.5	11300	26500	150	190	230/950CAF3/W33	30531/950K	986	1324	6	0.21	3.2	4.8	3.2	1400	
	320	7.5	11500	28000	130	180	230/950X2CAF3/W		986	1324	6	0.2	3.33	4.96	3.25	1447	
	412	7.5	14500	36500	120	160	240/950CAF3/W33	40531/950K	986	1324	6	0.28	2.4	3.6	2.3	1880	
	1400	300	7.5	11400	25200	120	160	230/950X1CAF3/W		1026	1336	6	0.2	3.4	5.1	3.3	1570
	1400	380	7.5	14100	33500	110	140	26/950CAF3/W33X		986	1364	6	0.24	2.77	4.13	2.71	1937
	1660	530	15	24700	50500	100	130	232/950CAF3/W33	30532/950K	1014	1596	12	0.32	2.1	3.1	2.1	4800
1000	1220	165	6	4427	13585	160	200	238/1000CAF3/W3	30538/1000K	1028	1192	5	0.12	5.6	8.4	5.6	410
	1220	218	6	6550	20800	160	200	248/1000CAF3/W3		1028	1192	5	0.16	4.3	6.4	4.2	567
	1320	236	7.5	8200	21700	150	190	239/1000CAF3/W3	30539/1000K	1036	1284	6	0.16	4.3	6.4	4.2	881
	1320	258	7.5	8500	22600	150	190	239/1000X2CAF3/		1036	1284	6	0.16	4.23	6.3	4.14	911
	1320	315	7.5	9880	27550	140	170	249/1000CAF3/W3	40539/1000K	1036	1284	6	0.21	3.2	4.8	3.2	1200
	1420	308	7.5	11900	28100	140	170	230/1000CAF3/W3	30531/1000K	1036	1384	6	0.2	3.3	4.9	3.2	1560
	1420	320	7.5	11500	28400	120	160	230/1000CAF3/W3	30531/1000K	1036	1384	6	0.2	3.5	5.1	3.4	1630
	1420	412	7.5	15300	38500	110	150	240/1000CAF3/W3	40531/1000K	1036	1384	6	0.27	2.5	3.7	2.4	2010
	1580	462	12	20330	45600	100	140	231/1000CAF3/W3	30537/1000K	1054	1526	10	0.28	2.4	3.6	2.5	3500
	1580	580	12	21375	47500	100	130	241/1000CAF3/W3	40537/1000K	1054	1526	10	0.35	1.9	2.9	1.8	4300
1060	1280	165	6	4530	14250	140	180	238/1060CAF3/W3	30538/1060K	1088	1252	5	0.11	6.1	9.1	6.3	435
	1280	218	6	5795	19000	140	180	248/1060CAF3/W3		1088	1252	5	0.14	4.8	7.2	4.5	570
	1400	250	7.5	9300	24400	130	170	239/1060CAF3/W3	30539/1060K	1096	1364	6	0.16	4.1	6.1	4	1030
	1400	335	7.5	10925	30875	130	170	249/1060CAF3/W3	40539/1060K	1096	1364	6	0.21	3.2	4.8	3.2	1400
	1500	325	9.5	13000	31500	120	160	230/1060CAF3/W3	30531/1060K	1104	1456	8	0.21	3.3	4.9	3.2	1790
	1500	340	9.5	13000	31500	110	140	230/1060X2CAF3/		1104	1456	8	0.21	3.3	4.9	3.2	1850
	1500	438	9.5	16800	43000	100	130	240/1060CAF3/W3	40531/1060K	1104	1456	8	0.28	2.4	3.6	2.4	2410



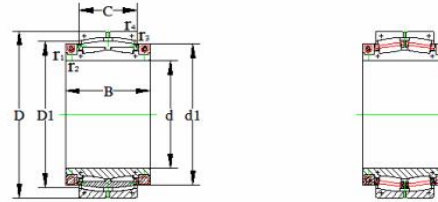
Boundary Dimensions (mm)				Basic Load Ratings(kN)		Speed Ratings(rpm)		Designation		Abutment and Fillet Dimensions (mm)			Calculation Factors				Mass (kg)
d	D	B	r _{1,2min}	Cr	Cor	Grease	oil	new	old	d _{a min}	D _{a max}	r _{a max}	e	y ₁	y ₂	y ₀	Refer.
1120	1360	180	6	6200	18700	140	180	238/1120CAF3/W3	30538/1120K	1148	1332	5	0.11	5.97	8.89	5.84	536
	1360	243	6	6887	22800	130	170	248/1120CAF3/W3		1148	1332	5	0.15	4.5	6.7	4.5	735
	1460	250	7.5	9500	26000	120	160	239/1120CAF3/W3	30539/1120K	1156	1424	6	0.15	4.4	6.6	4.3	1100
	1460	335	7.5	11115	32775	110	140	249/1120CAF3/W3	40539/1120K	1156	1424	6	0.2	3.4	5	3.2	1500
	1580	345	9.5	15400	38000	110	140	230/1120CAF3/W3	30531/1120K	1211	1505	8	0.2	3.4	5	3.3	2120
	1580	360	9.5	14700	36000	110	140	230/1120X2CAF3/		1211	1505	8	0.2	3.3	4.9	3.2	2230
	1580	380	9.5	15500	38500	100	130	230/1120X2CAF3/		1211	1505	8	0.21	3.2	4.8	3.2	2330
	1580	462	9.5	18700	49500	95	120	240/1120CAF3/W3	40531/1120K	1211	1505	8	0.27	2.5	3.7	2.5	2790
1180	1420	180	6	5576	17670	120	160	238/1180CAF3/W3	30538/1180K	1208	1392	5	0.11	6.1	9.1	6.3	575
	1420	243	6	7324	25650	120	160	248/1180CAF3/W3		1208	1392	5	0.14	4.8	7.2	4.5	770
	1540	272	7.5	10545	29450	110	140	239/1180CAF3/W3	30539/1180K	1216	1504	6	0.16	4.2	6.3	4	1400
	1540	355	7.5	12635	37050	100	130	249/1180CAF3/W3	40539/1180K	1216	1504	6	0.2	3.4	5	3.2	1800
	1660	475	9.5	20200	52500	85	110	240/1180CAF3/W3	40531/1180K	1224	1616	8	0.27	2.5	3.7	2.4	3180
1200	1700	410	9.5	17000	44000	80	100	26/1200CAF3/W33		1294	1622	8	0.21	3.2	4.8	3.1	2980
1220	1680	380	9.5	15800	40500	80	100	26/1220CAF3/W33		1315	1603	8	0.19	3.5	5.2	3.4	2500
1250	1500	250	6	8800	30000	90	120	248/1250CAF3/W3	40538/1250K	1334	1416	5	0.14	4.7	7	4.6	918
	1630	280	7.5	11600	31500	85	110	239/1250CAF3/W3	30539/1250K	1338	1562	6	0.15	4.4	6.6	4.3	1540
	1630	375	7.5	15600	45000	85	110	249/1250CAF3/W3	40539/1250K	1338	1562	6	0.22	3.1	4.7	3.1	2150
	1750	375	9.5	17005	42750	80	100	230/1250CAF3/W3	30531/1250K	1294	1706	8	0.19	3.6	5.3	3.6	2840
	1750	390	9.5	17400	44500	80	100	230/1250X2CAF3/		1346	1671	8	0.2	3.3	5	3.3	2860
	1750	400	9.5	18000	46000	75	100	230/1250X2CAF3/		1346	1671	8	0.2	3.4	5.1	3.3	2970
	1750	500	9.5	21000	59500	75	100	240/1250CAF3/W3	40531/1250K	1294	1706	8	0.25	2.7	4	2.6	3700



Boundary Dimensions (mm)				Basic Load Ratings(kN)		Speed Ratings(rpm)		Designation		Abutment and Fillet Dimensions (mm)			Calculation Factors				Mass (kg)
d	D	B	r _{1.2min}	Cr	Cor	Grease	oil	new	old	d _{a min}	D _{a max}	r _{a max}	e	y ₁	y ₂	y ₀	Refer.
1320	1600	280	6	9291	31825			248/1320CAF3/W3		1348	1572	5	0.15	4.5	6.7	4.5	1160
	1720	300	7.5	13600	38000			239/1320CAF3/W3	30539/1320K	1356	1684	6	0.16	4.34	6.46	4.24	1900
	1720	350	7.5	13500	38500			239/1320X2CAF3/		1411	1650	6	0.17	4	5.9	3.9	2100
	1720	400	7.5	15295	46550			249/1320CAF3/W3	40539/1320K	1356	1684	6	0.21	3.2	4.8	3.2	2500
	1850	480	12	21200	58500			240/1320X2CAF3/		1429	1760	10	0.22	3	4.5	2.9	4060
	1850	530	12	22600	63500			240/1320CAF3/W3	40531/1320K	1374	1796	10	0.26	2.6	3.9	2.6	4400
1350	1800	500	7.5	19200	56500			26/1350CAF3/W33		1442	1728	6	0.25	2.7	4	2.6	3660
1370	1780	265	9.5	11900	31500			26/1370CAF3/W33		1471	1701	8	0.13	5.1	7.7	5	1650
1400	1700	300	7.5	12000	40500			248/1400CAF3/W3		1498	1602	6	0.16	4.3	6.5	4.3	1500
	1820	315	9.5	14300	40500			239/1400CAF3/W3	30539/1400K	1502	1740	8	0.16	4.3	6.5	4.2	2140
	1820	425	9.5	20000	58500			249/1400CAF3/W3	40539/1400K	1502	1740	8	0.22	3.1	4.6	3	3020
	1900	440	12	18000	54500			26/1400CAF3/W33		1513	1809	10	0.2	3.3	5	3.3	3710
	1900	530	12	22700	64500			26/1400CAF3/W33		1513	1809	10	0.25	2.7	4	2.6	4510
	1950	545	12	24500	65000			240/1400CAF3/W3	40531/1400K	1454	1896	10	0.25	2.7	4	2.6	4900
1470	1900	375	12	15500	48000			26/1470CAF3/W33		1585	1809	10	0.16	4.3	6.4	4.2	2770
1500	1820	315	7.5	11115	38475			248/1500CAF3/W3	40538/1500K	1536	1684	6	0.21	3.2	4.8	3.2	1700
	1900	375	12	15500	48000			26/1500CAF3/W33		1617	1809	10	0.16	4.3	6.4	4.2	2540
	1950	335	9.5	16000	47500			239/1500CAF3/W3	30539/1500K	1544	1784	6	0.16	4.2	6.3	4.1	2800
	1950	450	9.5	19665	59850			249/1500CAF3/W3	40539/1500K	1544	1784	6	0.15	4.5	6.7	4.5	3550
1590	2000	380	9.5	16100	50000			26/1590CAF3/W33		1700	1916	8	0.15	4.5	6.7	4.4	2770



Boundary Dimensions (mm)				Abutment and Fillet Dimensions (mm)				Basic Load Ratings (kN)		angle	Designation		Calculation Factors				Mass (kg)
d	D	B	C	r _{1.2min}	r _{3.4min}	d1	D1	Cr	Cor		new	old	e	y ₁	y ₂	y _o	Refer.
120	200	142	80	2	2	166	169	552	900	24124CAD/W33		0.37	1.8	2.7	1.8	17	
140	230	102	53	2	2	180	190	368	600	24128X3CAD/W33		0.22	3	4.6	2.8	14	
180	300	125	74	2.1	2.1	220	248	713	1200	23136X2CAD/W33		0.24	2.8	4.2	2.8	30	
280	500	260	176	5	5	419	439	2710	4650	23256CAD/W33		0.35	1.9	2.9	1.9	175	
300	500	240	160	5	5	418	434	2710	4900	23160CAD/W33		0.3	2.3	3.4	2.2	150	
360	540	220	134	5	5	476	482	2250	4500	23072CAD/W33		0.23	2.9	4.4	2.8	155	
400	600	240	148	5	5	522	541	2880	5850	23080CAD/W33		0.23	2.9	4.4	2.8	205	
420	620	238	150	6	6	542	562	2880	5850	23084CAD/W33		0.22	3	4.6	2.8	215	
460	700	245	165	6	6	604	635	3280	6550	23092CAD/W33X3		0.21	3.2	4.8	3.2	340	
560	870	330	200	6	6	733	786	5060	11000	241/560X3CAF1D/W33		0.22	3	4.6	2.8	580	
600	980	515	375	7.5	7.5	811	833	10400	21600	241/600CAF1D/W33		0.35	1.9	2.9	1.8	1350	
630	920	310	212	7.5	7.5	798	837	5640	12000	230/630CAF1D/W33		0.21	3.2	4.8	3.2	630	
670	980	350	230	7.5	7.5	860	890	6440	14000	240/670CAF1D/W33		0.21	3.2	4.8	3.2	800	
710	950	330	180	6	6	882	884	3750	9900	239/710CAF1D/W33X		0.18	3.75	5.6	3.7	581	
	1030	360	236	7.5	7.5	901	939	7020	15600	230/710CAF1D/W33		0.21	3.2	4.8	3.2	880	
750	1000	360	250	6	6	900	916	6330	17000	249/750CAF1D/W33		0.22	3	4.6	2.8	710	
	1090	475	335	7.5	7.5	938	969	9950	24000	240/750CAF1D/W33		0.28	2.4	3.6	2.5	1300	



Boundary Dimensions (mm)				Abutment and Fillet Dimensions (mm)				Basic Load Ratings (kN)		angle	Designation		Calculation Factors				Mass (kg)
d	D	B	C	r _{1.2min}	r _{3.4min}	d1	D1	Cr	Cor		new	old	e	y ₁	y ₂	y ₀	Refer.
800	1060	370	258	6	6	955	968	6900	18600	249/800CAF1D/W33		0.21	3.2	4.8	3.2	810	
850	1120	390	272	6	6	1008	1028	7360	20800	249/850CAF1D/W33		0.22	3	4.6	2.8	830	
	1180	331	206	6	6	1070	1100	6440	17000	239/850X3CAF1D/W33		0.15	4.5	6.7	4.5	880	
	1220	540	365	7.5	7.5	1070	1096	9000	24000	240/850CAF1D/W33X		0.27	2.5	3.7	2.4	243	
	1280	430	280	7.5	7.5	1120	1177	10100	23200	230/850X3CAF1D/W33		0.2	3.4	5	3.2	1550	
	1280	540	375	7.5	7.5	1123	1147	12400	31000	240/850X3CAF1D/W33		0.26	2.6	3.9	2.5	2350	
900	1180	400	280	6	6	1058	1086	8170	22800	249/900CAF1D/W33		0.21	3.2	4.8	3.2	1100	
950	1250	420	300	7.5	7.5	1130	1150	8970	25500	249/950CAF1D/W33		0.21	3.2	4.8	3.2	1300	
1060.4	1400	490	335	7.5	7.5	1253	1285	11300	32000	249/1060CAF1D/W33		0.21	3.2	4.8	3.2	1870	
1060	1460	500	335	7.5	7.5	1330	1350	11500	33500	230/1060X3CAF1D/W33		0.2	3.4	5	3.2	2470	
	1120	500	335	7.5	7.5	1330	1350	11500	33500	249/1120CAF1D/W33		0.2	3.4	5	3.2	2070	
1120	1540	525	355	7.5	7.5	1401	1420	14400	44000	230/1120X3CAF1D/W33		0.2	3.4	5	3.2	2850	
	1250	560	375	9.5	9.5	1560	1607	19600	50000	230/1250CAF1D/W33		0.19	3.6	5.3	3.6	3800	



Web: www.nbz-bearing.com
 E-mail: wnbzbearing@gmail.com
 Add: Wafangdian, Dalian, China
 P.C.: 116300