

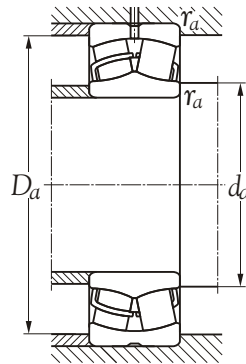


Technical Information



Inner bore <i>d</i> mm	Bearing number	Principal dimensions		Basic load ratings		Max runout speed		Mass kg
		<i>D</i> mm	<i>B</i> mm	dynamic <i>C</i> N	static <i>C</i> ₀	grease r/min	oil r/min	
110	24122 CC/W433	180	69	368000	600000	700	900	6.85
110	24122 CCK30/W33	180	69	368000	600000	700	900	6.85
120	24124 CC/W33	200	80	460000	760000	600	800	10.00
120	24124 CCK30/W33	200	80	460000	760000	600	800	10.00
130	24126 CC/W33	210	80	469600	800000	600	800	11.00
130	24126 CCK30/W33	210	80	469600	800000	600	800	11.00
140	24128 CC/W33	225	85	538400	928000	500	700	13.00
140	24128 CCK30/W33	225	85	538400	928000	500	700	13.00
150	24130 CC/W33	250	100	717600	1224000	500	700	19.50
150	24130 CCK30/W33	250	100	717600	1224000	500	700	19.50
160	24132 CC/W33	270	109	832000	1408000	400	600	25.00
160	24132 CCK30/W33	270	109	832000	1408000	400	600	25.00
170	24134 CC/W33	280	109	856000	1488000	400	500	26.50
170	24134 CCK30/W33	280	109	856000	1488000	400	500	26.50
180	24136 CC/W33	300	118	976000	1728000	400	500	33.50
180	24136 CCK30/W33	300	118	976000	1728000	400	500	33.50
190	24138 CC/W33	320	128	1120000	2000000	400	500	42.00
190	24138 CCK30/W33	320	128	1120000	2000000	400	500	42.00
200	24140 CC/W33	340	140	1264000	2240000	300	400	52.00
200	24140 CCK30/W33	340	140	1264000	2240000	300	400	52.00
220	24144 CC/W33	370	150	1472000	2680000	300	400	65.00
220	24144 CCK30/W33	370	150	1472000	2680000	300	400	65.00
240	24148 CC/W33	400	160	1680000	3120000	300	400	80.50
240	24148 CCK30/W33	400	160	1680000	3120000	300	400	80.50
260	24152 CC/W33	440	180	2096000	3840000	300	300	110.00
260	24152 CCK30/W33	440	180	2096000	3840000	300	300	110.00
280	24156 CC/W33	460	180	2136000	4080000	200	300	120.00
280	24156 CCK30/W33	460	180	2136000	4080000	200	300	120.00
300	24160 CC/W33	500	200	2624000	5040000	200	300	155.00
300	24160 CCK30/W33	500	200	2624000	5040000	200	300	155.00
320	24164 CC/W33	540	218	2992000	5680000	200	300	210.00
320	24164 CCK30/W33	540	218	2992000	5680000	200	300	210.00
340	24168 ECAC/W33	580	243	3728000	6920000	200	200	270.00
340	24168 ECACK30/W33	580	243	3728000	6920000	200	200	270.00





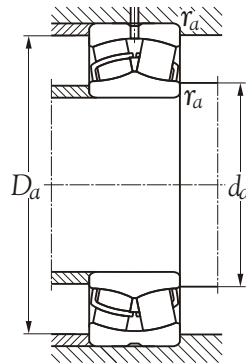
Inner bore <i>d</i> mm	Bearing number	Dimensions (mm)					Abutment and fillet Dimensions (mm)			Calculation factors			
		<i>d</i> ₂	<i>D</i> ₁	<i>r</i> _{1,2} <i>min</i>	<i>b</i>	<i>k</i>	<i>d</i> _a <i>min</i>	<i>D</i> _a <i>max</i>	<i>r</i> _a <i>max</i>	<i>e</i>	<i>Y</i> ₁	<i>Y</i> ₂	<i>Y</i> ₀
110	24122 CC/W433	124	153	2.0	5.5	3.0	120	170	2.0	0.37	1.8	2.7	1.8
110	24122 CCK30/W33	124	153	2.0	5.5	3.0	120	170	2.0	0.37	1.8	2.7	1.8
120	24124 CC/W33	135	169	2.0	5.5	3.0	130	190	2.0	0.37	1.8	2.7	1.8
120	24124 CCK30/W33	135	169	2.0	5.5	3.0	130	190	2.0	0.37	1.8	2.7	1.8
130	24126 CC/W33	147	180	2.0	5.5	3.0	140	200	2.0	0.35	1.9	2.9	1.8
130	24126 CCK30/W33	147	180	2.0	5.5	3.0	140	200	2.0	0.35	1.9	2.9	1.8
140	24128 CC/W33	156	193	2.1	8.3	4.5	152	213	2.0	0.35	1.9	2.9	1.8
140	24128 CCK30/W33	156	193	2.1	8.3	4.5	152	216	2.0	0.35	1.9	2.9	1.8
150	24130 CC/W33	169	211	2.1	8.3	4.5	162	238	2.0	0.37	1.8	2.7	1.8
150	24130 CCK30/W33	169	211	2.1	8.3	4.5	162	238	2.0	0.37	1.8	2.7	2.5
160	24132 CC/W33	181	228	2.1	8.3	4.5	172	258	2.0	0.40	1.7	2.5	1.6
160	24132 CCK30/W33	181	228	2.1	8.3	4.5	172	258	2.0	0.40	1.7	2.5	1.6
170	24134 CC/W33	190	237	2.1	8.3	4.5	182	268	2.0	0.37	1.8	2.7	1.8
170	24134 CCK30/W33	190	237	2.1	8.3	4.5	182	268	2.0	0.37	1.8	2.7	1.8
180	24136 CC/W33	203	253	3.0	11.1	6.0	194	286	2.5	0.37	1.8	2.7	1.8
180	24136 CCK30/W33	203	253	3.0	11.1	6.0	194	286	2.5	0.37	1.8	2.7	1.8
190	24138 CC/W33	216	268	3.0	11.1	6.0	204	306	2.5	0.40	1.7	2.5	1.6
190	24138 CCK30/W33	216	268	3.0	11.1	6.0	204	306	2.5	0.40	1.7	2.5	1.6
200	24140 CC/W33	226	284	3.0	11.1	6.0	214	326	2.5	0.40	1.7	2.5	1.6
200	24140 CCK30/W33	226	284	3.0	11.1	6.0	214	326	2.5	0.40	1.7	2.5	1.6
220	24144 CC/W33	248	310	4.0	11.1	6.0	238	352	3.0	0.40	1.7	2.5	1.6
220	24144 CCK30/W33	248	310	4.0	11.1	6.0	238	352	3.0	0.40	1.7	2.5	1.6
240	24148 CC/W33	271	337	4.0	11.1	6.0	258	382	3.0	0.40	1.7	2.5	1.6
240	24148 CCK30/W33	271	337	4.0	11.1	6.0	258	382	3.0	0.40	1.7	2.5	1.6
260	24152 CC/W33	294	368	4.0	13.9	7.5	278	422	3.0	0.40	1.7	2.5	1.6
260	24152 CCK30/W33	294	368	4.0	13.9	7.5	278	422	3.0	0.40	1.7	2.5	1.6
280	24156 CC/W33	315	390	5.0	13.9	7.5	302	438	4.0	0.40	1.7	2.5	1.6
280	24156 CCK30/W33	315	390	5.0	13.9	7.5	302	438	4.0	0.40	1.7	2.6	1.6
300	24160 CC/W33	339	422	5.0	13.9	7.5	322	478	4.0	0.40	1.7	2.5	1.6
300	24160 CCK30/W33	339	422	5.0	13.9	7.5	322	478	4.0	0.40	1.7	2.5	1.6
320	24164 CC/W33	364	455	5.0	16.7	9.0	342	518	4.0	0.40	1.7	2.5	1.6
320	24164 CCK30/W33	364	455	5.0	16.7	9.0	342	518	4.0	0.40	1.7	2.5	1.6
340	24168 ECAC/W33	404	485	5.0	16.7	9.0	362	558	4.0	0.40	1.7	2.5	1.6
340	24168 ECACK30/W33	404	485	5.0	16.7	9.0	362	558	4.0	0.40	1.7	2.5	1.6





Inner bore <i>d</i> mm	Bearing number	Principal dimensions		Basic load ratings		Max runout speed		Mass kg
		<i>D</i> mm	<i>B</i> mm	dynamic <i>C</i> N	static <i>C</i> ₀	grease r/min	oil r/min	
360	24172 CC/W33	600	243	3592000	6920000	200	200	270
360	24172 CCK30/W33	600	243	3592000	6920000	200	200	270
380	24176 CA/W33	620	243	3680000	7320000	100	100	300
380	24176 CAK30/W33	620	243	3680000	7320000	100	100	300
400	24180 CAC/W33	650	250	3912000	7840000	100	100	340
400	24180 CACK30/W33	650	250	3912000	7840000	100	100	340
420	24184 CA/W33	700	280	4600000	9120000	100	100	445
420	24184 CAK30/W33	700	280	4600000	9120000	100	100	445
440	24188 CA/W33	720	280	4784000	9760000	100	100	460
440	24188 CAK30/W33	720	280	4784000	9760000	100	100	460
460	24192 ECA/W33	760	300	5800000	11680000	100	100	560
460	24192 ECAK30/W33	760	300	5800000	11680000	100	100	560
480	24196 CA/W33	790	308	5800000	12000000	100	100	605
480	24196 CAK30/W33	790	308	5800000	12000000	100	100	605
500	241/500 CEAK30/W33	830	325	6904000	13600000	90	100	745
500	241/500 ECA/W33	830	325	6904000	13600000	90	100	745
530	241/530 CEAK30/W33	870	335	7360000	15200000	90	100	830
530	241/530 ECA/W33	870	335	7360000	15200000	90	100	830
560	241/560 CEK30/W33	920	355	8400000	17280000	80	100	985
560	241/560 EC/W33	920	355	8400000	17280000	80	100	985
600	241/600 CEAK30/W33	980	375	8560000	18240000	70	100	1200
600	241/600 ECA/W33	980	375	8560000	18240000	70	100	1200
630	241/630 CEAK30/W33	1030	400	10160000	21600000	70	90	1400
630	241/630 ECA/W33	1030	400	10160000	21600000	70	90	1400
670	241/670 CEAK30/W33	1090	412	11040000	23200000	60	90	1600
670	241/670 ECA/W33	1090	412	11040000	23200000	60	90	1600
710	241/710 CA/W33	1150	438	11520000	26000000	60	80	1900
710	241/710 CAK30/W33	1150	438	11520000	26000000	60	80	1900





Inner bore d mm	Bearing number	Dimensions (mm)					Abutment and fillet Dimensions (mm)			Calculation factors			
		d_2	D_1	$r_{1,2}$ min	b	k	d_a min	D_a max	r_a max	e	Y_1	Y_2	Y_0
360	24172 CC/W33	406	506	5.0	16.7	9	382	578	4	0.37	1.8	2.7	1.8
360	24172 CCK30/W33	406	506	5.0	16.7	9	382	578	4	0.37	1.8	2.7	1.8
380	24176 CA/W33	446	529	5.0	16.7	9	402	598	4	0.37	1.8	2.7	2.2
380	24176 CAK30/W33	446	529	5.0	16.7	9	402	598	4	0.37	1.8	2.7	2.2
400	24180 CAC/W33	468	554	6.0	22.3	12	428	622	5	0.37	1.8	2.7	1.8
400	24180 CACK30/W33	468	554	6.0	22.3	12	428	622	5	0.37	1.8	2.7	1.8
420	24184 CA/W33	496	590	6.0	22.3	12	448	672	5	0.37	1.8	2.7	1.8
420	24184 CAK30/W33	496	590	6.0	22.3	12	448	672	5	0.37	1.8	2.7	1.8
440	24188 CA/W33	516	610	6.0	22.3	12	468	692	5	0.37	1.8	2.7	1.8
440	24188 CAK30/W33	516	610	6.0	22.3	12	468	692	5	0.37	1.8	2.7	1.8
460	24192 ECA/W33	544	649	7.5	22.3	12	496	724	6	0.37	1.8	2.7	1.8
460	24192 ECAK30/W33	544	649	7.5	22.3	12	496	724	6	0.37	1.8	2.7	1.8
480	24196 CA/W33	568	674	7.5	22.3	12	516	754	6	0.37	1.8	2.7	1.8
480	24196 CAK30/W33	568	674	7.5	22.3	12	516	754	6	0.37	1.8	2.7	1.8
500	241/500 CEAK30/W33	589	713	7.5	22.3	12	536	794	6	0.37	1.8	2.7	1.8
500	241/500 ECA/W33	589	713	7.5	22.3	12	536	794	6	0.37	1.8	2.7	1.8
530	241/530 CEAK30/W33	623	748	7.5	22.3	12	556	834	6	0.37	1.8	2.7	1.8
530	241/530 ECA/W33	623	748	7.5	22.3	12	556	834	6	0.37	1.8	2.7	1.8
560	241/560 CEK30/W33	634	796	7.5	22.3	12	596	884	6	0.35	1.9	2.9	1.8
560	241/560 EC/W33	634	796	7.5	22.3	12	596	884	6	0.35	1.9	2.9	1.8
600	241/600 CEAK30/W33	703	833	7.5	22.3	12	636	944	6	0.35	1.9	2.9	1.8
600	241/600 ECA/W33	703	833	7.5	22.3	12	636	944	6	0.35	1.9	2.9	1.8
630	241/630 CEAK30/W33	738	885	7.5	22.3	12	666	994	6	0.37	1.8	2.7	1.8
630	241/630 ECA/W33	738	885	7.5	22.3	12	666	994	6	0.37	1.8	2.7	1.8
670	241/670 CEAK30/W33	782	942	7.5	22.3	12	706	1054	6	0.37	1.8	2.7	1.8
670	241/670 ECA/W33	782	942	7.5	22.3	12	706	1054	6	0.37	1.8	2.7	1.8
710	241/710 CA/W33	838	982	7.5	22.3	12	754	1106	8	0.35	1.9	2.9	1.8
710	241/710 CAK30/W33	838	982	7.5	22.3	12	754	1106	8	0.35	1.9	2.9	1.8