

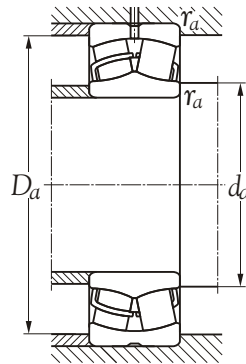


Technical Information



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	
120	24024 CC/W33	180	60	299200	536000	1100	1400	5.40
120	24024 CCK30/W33	180	60	299200	536000	1100	1400	5.40
130	24026 CC/W33	200	69	381600	652000	1000	1300	7.95
130	24026 CCK/W33	200	69	381600	652000	1000	1300	7.95
140	24028 CC/W33	210	69	396000	720000	900	1200	8.45
140	24028 CCK30/W33	210	69	396000	720000	900	1200	8.45
150	24030 CC/W33	225	75	451200	832000	900	1100	10.50
150	24030 CCK30/W33	225	75	451200	832000	900	1100	10.50
160	24032 CC/W33	240	80	524800	960000	700	1000	13.00
160	24032 CCK/W33	240	80	524800	960000	700	1000	13.00
170	24034 CC/W33	260	90	639200	1168000	700	900	17.50
170	24034 CCK30/W33	260	90	639200	1168000	700	900	17.50
180	24036 CC/W33	280	100	749600	1384000	600	900	23.00
180	24036 CCK30/W33	280	100	749600	1384000	600	900	23.00
190	24038 CC/W33	290	100	782400	1440000	600	900	24.00
190	24038 CCK30/W33	290	100	782400	1440000	600	900	24.00
200	24040 CC/W33	310	109	904000	1696000	600	800	30.50
200	24040 CCK30/W33	310	109	904000	1696000	600	800	30.50
220	24044 CC/W33	340	118	1088000	2080000	500	700	39.50
220	24044 CCK30/W33	340	118	1088000	2080000	500	700	39.50
240	24048 CC/W33	360	118	1104000	2160000	500	700	42.50
240	24048 CCK30/W33	360	118	1104000	2160000	500	700	42.50
260	24052 CC/W33	400	140	1408000	2760000	400	600	64.50
260	24052 CCK30/W33	400	140	1408000	2760000	400	600	64.50
280	24056 CC/W33	420	140	1496000	3040000	400	500	68.50
280	24056 CCK30/W33	420	140	1496000	3040000	400	500	68.50
300	24060 CC/W33	460	160	1880000	3800000	400	500	97.00
300	24060 CCK30/W33	460	160	1880000	3800000	400	500	97.00
320	24064 CC/W33	480	160	1984000	4080000	300	400	100.00
320	24064 CCK30/W33	480	160	1984000	4080000	300	400	100.00
340	24068 CC/W33	520	180	2392000	4960000	300	400	140.00
340	24068 CCK30/W33	520	180	2392000	4960000	300	400	140.00
360	24072 CC/W33	540	180	2488000	5240000	300	400	145.00
360	24072 CCK30/W33	540	180	2488000	5240000	300	400	145.00





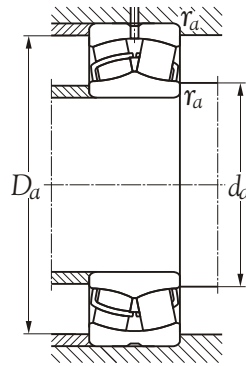
Inner bore <i>d</i> mm	Bearing number	Dimensions (mm)					Abutment and fillet Dimensions (mm)			Calculation factors			
		<i>d</i> ₂	<i>D</i> ₁	<i>r</i> _{1,2} min	<i>b</i>	<i>k</i>	<i>d</i> _a min	<i>D</i> _a max	<i>r</i> _a max	<i>e</i>	<i>Y</i> ₁	<i>Y</i> ₂	<i>Y</i> ₀
120	24024 CC/W33	133	159	2.0	5.5	3.0	130	170	2.0	0.30	2.3	3.4	2.2
120	24024 CCK30/W33	133	159	2.0	5.5	3.0	130	170	2.0	0.30	2.3	3.4	2.2
130	24026 CC/W33	145	175	2.0	5.5	3.0	140	190	2.0	0.31	2.2	3.3	2.2
130	24026 CCK/W33	145	175	2.0	5.5	3.0	140	190	2.0	0.31	2.2	3.3	2.2
140	24028 CC/W33	155	185	2.0	5.5	3.0	150	200	2.0	0.30	2.3	3.4	2.2
140	24028 CCK30/W33	155	185	2.0	5.5	3.0	150	200	2.0	0.30	2.3	3.4	2.2
150	24030 CC/W33	166	197	2.1	5.5	3.0	162	213	2.0	0.30	2.3	3.4	2.2
150	24030 CCK30/W33	166	197	2.1	5.5	3.0	162	213	2.0	0.30	2.3	3.4	2.2
160	24032 CC/W33	177	211	2.1	8.3	4.5	172	228	2.0	0.30	2.3	3.4	2.2
160	24032 CCK/W33	177	211	2.1	8.3	4.5	172	228	2.0	0.30	2.3	3.4	2.2
170	24034 CC/W33	188	226	2.1	8.3	4.5	182	248	2.0	0.33	2.0	3.0	2.0
170	24034 CCK30/W33	188	226	2.1	8.3	4.5	182	248	2.0	0.33	2.0	3.0	2.0
180	24036 CC/W33	201	243	2.1	8.3	4.5	192	268	2.0	0.33	2.0	3.0	2.0
180	24036 CCK30/W33	201	243	2.1	8.3	4.5	192	268	2.0	0.33	2.0	3.0	2.0
190	24038 CC/W33	211	253	2.1	8.3	4.5	202	278	2.0	0.31	2.2	3.3	2.2
190	24038 CCK30/W33	211	253	2.1	8.3	4.5	202	278	2.0	0.31	2.2	3.3	2.2
200	24040 CC/W33	223	268	2.1	11.1	6.0	212	298	2.0	0.33	2.0	3.0	2.0
200	24040 CCK30/W33	223	268	2.1	11.1	6.0	212	298	2.0	0.33	2.0	3.0	2.0
220	24044 CC/W33	245	295	3.0	11.1	6.0	234	326	2.5	0.33	2.0	3.0	2.0
220	24044 CCK30/W33	245	295	3.0	11.1	6.0	234	326	2.5	0.33	2.0	3.0	2.0
240	24048 CC/W33	265	316	3.0	11.1	6.0	254	346	2.5	0.30	2.3	3.4	2.2
240	24048 CCK30/W33	265	316	3.0	11.1	6.0	254	346	2.5	0.30	2.3	3.4	2.2
260	24052 CC/W33	289	347	4.0	11.1	6.0	278	382	3.0	0.33	2.0	3.0	2.0
260	24052 CCK30/W33	289	347	4.0	11.1	6.0	278	382	3.0	0.33	2.0	3.0	2.0
280	24056 CC/W33	309	368	4.0	11.1	6.0	298	402	3.0	0.31	2.2	3.3	2.2
280	24056 CCK30/W33	309	368	4.0	11.1	6.0	298	402	3.0	0.31	2.2	3.3	2.2
300	24060 CC/W33	331	400	4.0	13.9	7.5	318	442	3.0	0.33	2.0	3.0	2.0
300	24060 CCK30/W33	331	400	4.0	13.9	7.5	318	442	3.0	0.33	2.0	3.0	2.0
320	24064 CC/W33	354	423	4.0	13.9	7.5	338	462	3.0	0.31	2.2	3.3	2.2
320	24064 CCK30/W33	354	423	4.0	13.9	7.5	338	462	3.0	0.31	2.2	3.3	2.2
340	24068 CC/W33	377	453	5.0	16.7	9.0	362	498	4.0	0.33	2.0	3.0	2.0
340	24068 CCK30/W33	377	453	5.0	16.7	9.0	362	498	4.0	0.33	2.0	3.0	2.0
360	24072 CC/W33	398	474	5.0	16.7	9.0	382	518	4.0	0.31	2.2	3.3	2.2
360	24072 CCK30/W33	398	474	5.0	16.7	9.0	382	518	4.0	0.31	2.2	3.3	2.2





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	
380	24076 CC/W33	560	180	2528000	5440000	300	400	150
380	24076 CCK30/W33	560	180	2528000	5440000	300	400	150
400	24080 CAC/W33	600	200	2896000	6240000	300	300	205
400	24080 CACK30/W33	600	200	2896000	6240000	300	300	205
420	24084 CA/W33	620	200	2992000	6520000	300	300	210
420	24084 CAK30/W33	620	200	2992000	6520000	300	300	210
440	24088 CA/W33	650	212	3264000	7040000	200	300	245
440	24088 CAK30/W33	650	212	3264000	7040000	200	300	245
460	24092 CA/W33	680	218	3496000	7600000	200	300	275
460	24092 CAK30/W33	680	218	3496000	7600000	200	300	275
480	24096 CA/W33	700	218	3592000	8000000	200	300	285
480	24096 CAK30/W33	700	218	3592000	8000000	200	300	285
500	240/500 CA/W33	720	218	3680000	8320000	200	200	295
500	240/500 CAK30/W33	720	218	3680000	8320000	200	200	295
530	240/530 CA/W33	780	250	4512000	10160000	200	200	410
530	240/530 CAK30/W33	780	250	4512000	10160000	200	200	410
560	240/560 CA/W33	820	258	4968000	11200000	200	200	465
560	240/560 CAK30/W33	820	258	4968000	11200000	200	200	465
600	240/600 CA/W33	870	272	5384000	12480000	100	200	540
600	240/600 CAK30/W33	870	272	5384000	12480000	100	200	540
630	240/630 CA/W33	920	290	6024000	13840000	100	200	655
630	240/630 CAK30/W33	920	290	6024000	13840000	100	200	655
670	240/670 CA/W33	980	308	6760000	16000000	100	100	790
670	240/670 CAK30/W33	980	308	6760000	16000000	100	100	790
710	240/710 CA/W33	1030	315	7176000	17600000	100	100	895
710	240/710 CAK30/W33	1030	315	7176000	17600000	100	100	895
750	240/750 CA/W33	1090	335	7960000	19200000	100	100	1065
750	240/750 CAK30/W33	1090	335	7960000	19200000	100	100	1065
800	240/800 CA/W33	1150	345	8720000	22000000	100	100	1200
800	240/800 CAK30/W33	1150	345	8720000	22000000	100	100	1200
850	240/850 CA/W33	1220	365	9600000	24000000	100	100	1410
850	240/850 CAK30/W33	1220	365	9600000	24000000	100	100	1410
900	240/900 CA/W33	1280	375	10320000	26000000	100	100	1570
900	240/900 CAK30/W33	1280	375	10320000	26000000	100	100	1570



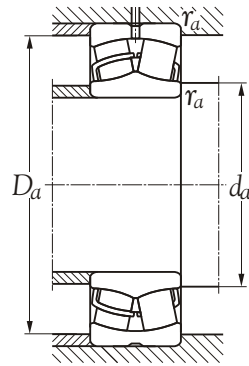


Inner bore <i>d</i> mm	Bearing number	Dimensions (mm)					Abutment and fillet Dimensions (mm)			Calculation factors			
		<i>d</i> ₂	<i>D</i> ₁	<i>r</i> _{1,2} <i>min</i>	<i>b</i>	<i>k</i>	<i>d</i> _a <i>min</i>	<i>D</i> _a <i>max</i>	<i>r</i> _a <i>max</i>	<i>e</i>	<i>Y</i> ₁	<i>Y</i> ₂	<i>Y</i> ₀
380	24076 CC/W33	420	496	5.0	16.7	9.0	402	538	4	0.30	2.3	3.4	2.2
380	24076 CCK30/W33	420	496	5.0	16.7	9.0	402	538	4	0.30	2.3	3.4	2.2
400	24080 CAC/W33	456	526	5.0	22.3	12.0	422	578	4	0.30	2.3	3.4	2.2
400	24080 CACK30/W33	456	526	5.0	22.3	12.0	422	578	4	0.30	2.3	3.4	2.2
420	24084 CA/W33	476	547	5.0	22.3	12.0	442	598	4	0.30	2.3	3.4	2.2
420	24084 CAK30/W33	476	547	5.0	22.3	12.0	442	598	4	0.30	2.3	3.4	2.2
440	24088 CA/W33	498	572	6.0	22.3	12.0	468	622	5	0.30	2.3	3.4	2.2
440	24088 CAK30/W33	498	572	6.0	22.3	12.0	468	622	5	0.30	2.3	3.4	2.2
460	24092 CA/W33	523	601	6.0	22.3	12.0	488	652	5	0.28	2.4	3.6	2.5
460	24092 CAK30/W33	523	601	6.0	22.3	12.0	488	652	5	0.28	2.4	3.6	2.5
480	24096 CA/W33	541	619	6.0	22.3	12.0	508	672	5	0.28	2.4	3.6	2.5
480	24096 CAK30/W33	541	619	6.0	22.3	12.0	508	672	5	0.28	2.4	3.6	2.5
500	240/500 CA/W33	565	643	6.0	22.3	12.0	528	692	5	0.26	2.6	3.9	2.5
500	240/500 CAK30/W33	565	643	6.0	22.3	12.0	528	692	5	0.26	2.6	3.9	2.5
530	240/530 CA/W33	600	687	6.0	22.3	12.0	558	752	5	0.28	2.4	3.6	2.5
530	240/530 CAK30/W33	600	687	6.0	22.3	12.0	558	752	5	0.28	2.4	3.6	2.5
560	240/560 CA/W33	635	728	6.0	22.3	12.0	588	792	5	0.28	2.4	3.6	2.5
560	240/560 CAK30/W33	635	728	6.0	22.3	12.0	588	792	5	0.28	2.4	3.6	2.5
600	240/600 CA/W33	675	769	6.0	22.3	12.0	628	842	5	0.28	2.4	3.6	2.5
600	240/600 CAK30/W33	675	769	6.0	22.3	12.0	628	842	5	0.28	2.4	3.6	2.5
630	240/630 CA/W33	712	814	7.5	22.3	12.0	666	884	6	0.28	2.4	3.6	2.5
630	240/630 CAK30/W33	712	814	7.5	22.3	12.0	666	884	6	0.28	2.4	3.6	2.5
670	240/670 CA/W33	756	866	7.5	22.3	12.0	706	944	6	0.28	2.4	3.6	2.5
670	240/670 CAK30/W33	756	866	7.5	22.3	12.0	706	944	6	0.28	2.4	3.6	2.5
710	240/710 CA/W33	807	917	7.5	22.3	12.0	746	994	6	0.27	2.5	3.7	2.5
710	240/710 CAK30/W33	807	917	7.5	22.3	12.0	746	994	6	0.27	2.5	3.7	2.5
750	240/750 CA/W33	853	969	7.5	22.3	12.0	786	1054	6	0.28	2.4	3.6	2.5
750	240/750 CAK30/W33	853	969	7.5	22.3	12.0	786	1054	6	0.28	2.4	3.6	2.5
800	240/800 CA/W33	908	1027	7.5	22.3	12.0	836	1114	6	0.27	2.5	3.7	2.5
800	240/800 CAK30/W33	908	1027	7.5	22.3	12.0	836	1114	6	0.27	2.5	3.7	2.5
850	240/850 CA/W33	954	1087	7.5	22.3	12.0	886	1184	6	0.27	2.5	3.7	2.5
850	240/850 CAK30/W33	954	1087	7.5	22.3	12.0	886	1184	6	0.27	2.5	3.7	2.5
900	240/900 CA/W33	1012	1147	7.5	22.3	12.0	936	1244	6	0.26	2.6	3.9	2.5
900	240/900 CAK30/W33	1012	1147	7.5	22.3	12.0	936	1244	6	0.26	2.6	3.9	2.5



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>C₀</i> N	grease r/min	oil r/min	
950	240/950 CA/W33	1360	412	11840000	31200000	100	100	1990
950	240/950 CAK30/W33	1360	412	11840000	31200000	100	100	1990
1000	240/1000 CA/W33	1420	412	12320000	32400000	90	100	2140
1000	240/1000 CAK/W33	1420	412	12320000	32400000	90	100	2140
1060	240/1060 CA/W33	1500	438	13840000	36400000	80	100	2515
1060	240/1060 CAK30/W33	1500	438	13840000	36400000	80	100	2515
1120	240/1120 CA/W33	1580	462	14960000	40000000	70	90	2925
1120	240/1120 CAK30/W33	1580	462	14960000	40000000	70	90	2925





Inner bore d mm	Bearing number	Dimensions (mm)					Abutment and fillet Dimensions (mm)			Calculation factors			
		d_2	D_1	$r_{1,2}$ <i>min</i>	b	k	d_a <i>min</i>	D_a <i>max</i>	r_a <i>max</i>	e	Y_1	Y_2	Y_0
950	240/950 CA/W33	1074	1212	7.5	22.3	12.0	986	1324	6	0.27	2.5	3.7	2.5
950	240/950 CAK30/W33	1074	1212	7.5	22.3	12.0	986	1324	6	0.27	2.5	3.7	2.5
1000	240/1000 CA/W33	1133	1275	7.5	22.3	12.0	1036	1384	6	0.26	2.6	3.9	2.5
1000	240/1000 CAK/W33	1133	1275	7.5	22.3	12.0	1036	1384	6	0.26	2.6	3.9	2.5
1060	240/1060 CA/W33	1196	1347	9.5	22.3	12.0	1104	1456	8	0.26	2.6	3.9	2.5
1060	240/1060 CAK30/W33	1196	1347	9.5	22.3	12.0	1104	1456	8	0.26	2.6	3.9	2.5
1120	240/1120 CA/W33	1266	1422	9.5	22.3	12.0	1164	1536	8	0.26	2.6	3.9	2.5
1120	240/1120 CAK30/W33	1266	1422	9.5	22.3	12.0	1164	1536	8	0.26	2.6	3.9	2.5

