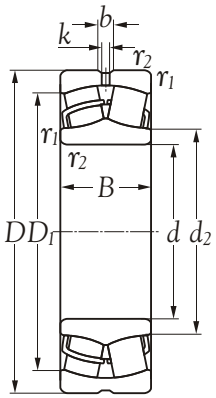
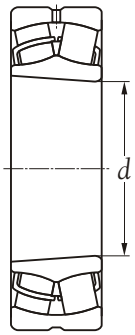
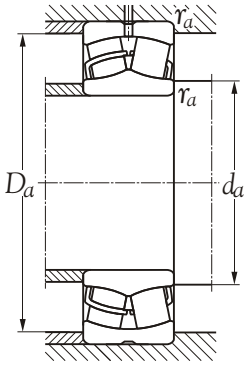
Technical Information

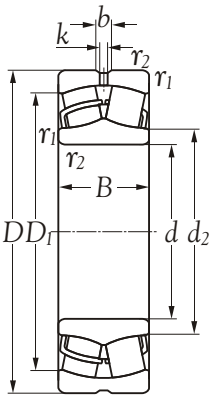


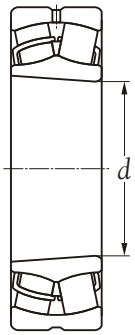


Inner bore	Bearing number	Principal dimensions		Basic load ratings		Max runout speed		Mass
				dynamic	static	grease	oil	
d		D	B	C	Co			
mm		mm		N		r/min		kg
90	23218 CC/W33	160	52.4	248800	352000	1300	1800	4.6
90	23218 CK/W33	160	52.4	248800	352000	1300	1800	4.6
100	23220 CC/W33	180	60.3	331200	480000	1100	1500	6.7
100	23220 CCK/W33	180	60.3	331200	480000	1100	1500	6.7
110	23222 CC/W33	200	69.8	414400	612000	1100	1400	9.7
110	23222 CCK/W33	200	69.8	414400	612000	1100	1400	9.7
120	23224 CC/W33	215	76.0	488000	744000	1000	1300	12.0
120	23224 CCKW/33	215	76.0	488000	744000	1000	1300	12.0
130	23226 CC/W33	230	80.0	552000	848000	900	1100	14.0
130	23226 CCK/W33	230	80.0	552000	848000	900	1100	14.0
140	23228 CC/W33	250	88.0	639200	1000000	800	1100	18.5
140	23228 CCK/W33	250	88.0	639200	1000000	800	1100	18.5
150	23230 CC/W33	270	96.0	749600	1168000	700	1000	24.0
150	23230 CCK/W33	270	96.0	749600	1168000	700	1000	24.0
160	23232 CC/W33	290	104.0	856000	1328000	700	900	30.0
160	23232 CCK/W33	290	104.0	856000	1328000	700	900	30.0
170	23234 CC/W33	310	110.0	976000	1544000	600	900	36.5
170	23234 CCK/W33	310	110.0	976000	1544000	600	900	36.5
180	23236 CC/W33	320	112.0	1032000	1696000	600	800	39.0
180	23236 CCK/W33	320	112.0	1032000	1696000	600	800	39.0
190	23238 CC/W33	340	120.0	1168000	1920000	500	700	47.5
190	23238 CCK/W33	340	120.0	1168000	1920000	500	700	47.5
200	23240 CC/W33	360	128.0	1288000	2160000	500	700	57.0
200	23240 CCK/W33	360	128.0	1288000	2160000	500	700	57.0
220	23244 CC/W33	400	144.0	1656000	2760000	500	600	79.5
220	23244 CCK/W33	400	144.0	1656000	2760000	500	600	79.5
240	23248 CC/W33	440	160.0	2024000	3440000	400	500	110.0
240	23248 CCK/W33	440	160.0	2024000	3440000	400	500	110.0
260	23252 CC/W33	480	174.0	2256000	3800000	400	500	140.0
260	23252 CCK/W33	480	174.0	2256000	3656000	400	500	140.0
280	23256 CC/W33	500	176.0	2256000	3920000	400	500	150.0
280	23256 CCK/W33	500	176.0	2256000	3920000	400	500	150.0
300	23260 CC/W33	540	192.0	2672000	4680000	300	400	190.0
300	23260 CCK/W33	540	192.0	2672000	4680000	300	400	190.0

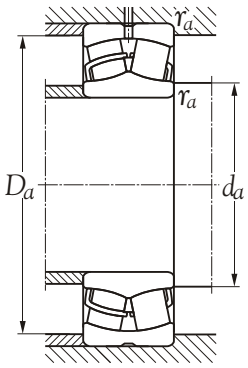


Inner bore d mm	Bearing number	Dimensions (mm)					Abutment and fillet Dimensions (mm)			Calculation factors			
		d_2	D_1	$r_{1,2}$ min	b	k	d_a min	D_a max	r_a max	e	Y_1	Y_2	Y_0
90	23218 CC/W33	106	138	2.0	5.5	3.0	100	150	2.0	0.31	2.2	3.3	2.2
90	23218 CK/W33	106	138	2.0	5.5	3.0	100	150	2.0	0.31	2.2	3.3	2.2
100	23220 CC/W33	117	153	2.1	8.3	4.5	112	168	2.0	0.33	2.0	3.0	2.0
100	23220 CCK/W33	117	153	2.1	8.3	4.5	112	168	2.0	0.33	2.0	3.0	2.0
110	23222 CC/W33	130	169	2.1	8.3	4.5	122	188	2.0	0.33	2.0	3.0	2.0
110	23222 CCK/W33	130	169	2.1	8.3	4.5	122	188	2.0	0.33	2.0	3.0	2.0
120	23224 CC/W33	141	183	2.1	8.3	4.5	132	203	2.0	0.35	1.9	2.9	1.8
120	23224 CCKW/33	141	183	2.1	8.3	4.5	132	203	2.0	0.35	1.9	2.9	1.8
130	23226 CC/W33	152	196	3.0	8.3	4.5	144	216	2.5	0.33	2.0	3.0	2.0
130	23226 CCK/W33	152	196	3.0	8.3	4.5	144	216	2.5	0.33	2.0	3.0	2.0
140	23228 CC/W33	165	212	3.0	11.1	6.0	154	236	2.5	0.33	2.0	3.0	2.0
140	23228 CCK/W33	165	212	3.0	11.1	6.0	154	236	2.5	0.33	2.0	3.0	2.0
150	23230 CC/W33	175	228	3.0	11.1	6.0	164	256	2.5	0.35	1.9	2.9	1.8
150	23230 CCK/W33	175	228	3.0	11.1	6.0	164	256	2.5	0.35	1.9	2.9	1.8
160	23232 CC/W33	189	244	3.0	13.9	7.5	174	276	2.5	0.35	1.9	2.9	1.8
160	23232 CCK/W33	189	244	3.0	13.9	7.5	174	276	2.5	0.35	1.9	2.9	1.8
170	23234 CC/W33	201	261	4.0	13.9	7.5	188	292	3.0	0.35	1.9	2.9	1.5
170	23234 CCK/W33	201	261	4.0	13.9	7.5	188	292	3.0	0.35	1.9	2.9	1.8
180	23236 CC/W33	211	271	4.0	13.9	7.5	198	302	3.0	0.35	1.9	2.9	1.8
180	23236 CCK/W33	211	271	4.0	13.9	7.5	198	302	3.0	0.35	1.9	2.9	1.8
190	23238 CC/W33	223	287	4.0	16.7	9.0	208	322	3.0	0.35	1.9	2.9	1.8
190	23238 CCK/W33	223	287	4.0	16.7	9.0	208	322	3.0	0.35	1.9	2.9	1.8
200	23240 CC/W33	236	304	4.0	16.7	9.0	218	342	3.0	0.35	1.9	2.9	1.8
200	23240 CCK/W33	236	304	4.0	16.7	9.0	218	342	3.0	0.35	1.9	2.9	1.8
220	23244 CC/W33	260	338	4.0	16.7	9.0	238	382	3.0	0.35	1.9	2.9	1.8
220	23244 CCK/W33	260	338	4.0	16.7	9.0	238	382	3.0	0.35	1.9	2.9	1.8
240	23248 CC/W33	287	374	4.0	22.3	12.0	258	422	3.0	0.35	1.9	2.9	1.8
240	23248 CCK/W33	287	374	4.0	22.3	12.0	258	422	3.0	0.35	1.9	2.9	1.8
260	23252 CC/W33	328	408	5.0	22.3	12.0	282	458	4.0	0.35	1.9	2.9	1.8
260	23252 CCK/W33	328	408	5.0	22.3	12.0	282	458	4.0	0.35	1.9	2.9	1.8
280	23256 CC/W33	348	429	5.0	22.3	12.0	302	478	4.0	0.35	1.9	2.9	1.8
280	23256 CCK/W33	348	429	5.0	22.3	12.0	302	478	4.0	0.35	1.9	2.9	1.8
300	23260 CC/W33	373	461	5.0	22.3	12.0	322	518	4.0	0.35	1.9	2.9	1.8
300	23260 CCK/W33	373	461	5.0	22.3	12.0	322	518	4.0	0.35	1.9	2.9	1.8





Inner bore d	Bearing number	Principal dimensions D	B	Basic load ratings dynamic C	static Co	Max runout speed grease	oil	Mass
mm		mm		N		r/min		kg
320	23264 CC/W33	580	208	3080000	5360000	300	400	240
320	23264 CCK/W33	580	208	3080000	5360000	300	400	240
340	23268 CA/W33	620	224	3728000	6640000	300	300	295
340	23268 CAK/W33	620	224	3728000	6640000	300	300	295
360	23272 CA/W33	650	232	3728000	6640000	200	300	335
360	23272 CAK/W33	650	232	3728000	6640000	200	300	335
380	23276 CA/W33	680	240	4048000	7320000	200	300	375
380	23276 CAK/W33	680	240	4048000	7320000	200	300	375
400	23280 CAC/W33	720	256	4600000	8320000	200	300	450
400	23280 CACK/W33	720	256	4600000	8320000	200	300	450
420	23284 CA/W33	760	272	5064000	9280000	200	200	535
420	23284 CAK/W33	760	272	5064000	9280000	200	200	535
440	23288 CA/W33	790	280	5384000	10000000	200	200	590
440	23288 CAK/W33	790	280	5384000	10000000	200	200	590
460	23292 CA/W33	830	296	5888000	10960000	200	200	695
460	23292 CAK/W33	830	296	5888000	10960000	200	200	695
480	23296 CA/W33	870	310	6536000	12000000	100	200	800
480	23296 CAK/W33	870	310	6536000	12000000	100	200	800
500	232/500 CA/W33	920	336	7824000	14640000	100	200	985
500	232/500 CAK/W33	920	336	7824000	14640000	100	200	985
530	232/530 CA/W33	980	355	8880000	16320000	100	200	1200
530	232/530 CAK/W33	980	355	8880000	16320000	100	200	1200
560	232/560 CA/W33	1030	365	9200000	17600000	100	100	1350
560	232/560 CAK/W33	1030	365	9200000	17600000	100	100	1350
600	232/600 CA/W33	1090	388	10480000	20400000	100	100	1600
600	232/600 CAK/W33	1090	388	10480000	20400000	100	100	1600



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
320	23264 CC/W33	400	494	5.0	22.3	12	342	558	4	0.35	1.9	2.9	1.8
320	23264 CCK/W33	400	494	5.0	22.3	12	342	558	4	0.35	1.9	2.9	1.8
340	23268 CA/W33	426	528	6.0	22.3	12	368	592	5	0.35	1.9	2.9	1.8
340	23268 CAK/W33	426	528	6.0	22.3	12	368	592	5	0.35	1.9	2.9	1.8
360	23272 CA/W33	447	552	6.0	22.3	12	388	622	5	0.35	1.9	2.9	1.8
360	23272 CAK/W33	447	552	6.0	22.3	12	388	622	5	0.35	1.9	2.9	1.8
380	23276 CA/W33	471	581	6.0	22.3	12	408	652	5	0.35	1.9	2.9	1.8
380	23276 CAK/W33	471	581	6.0	22.3	12	408	652	5	0.35	1.9	2.9	1.8
400	23280 CAC/W33	499	615	6.0	22.3	12	428	692	5	0.35	1.9	2.9	1.8
400	23280 CACK/W33	499	615	6.0	22.3	12	428	692	5	0.35	1.9	2.9	1.8
420	23284 CA/W33	525	649	7.5	22.3	12	456	724	6	0.35	1.9	2.9	1.8
420	23284 CAK/W33	525	649	7.5	22.3	12	456	724	6	0.35	1.9	2.9	1.8
440	23288 CA/W33	547	676	7.5	22.3	12	476	754	6	0.35	1.9	2.9	1.8
440	23288 CAK/W33	547	676	7.5	22.3	12	476	754	6	0.35	1.9	2.9	1.8
460	23292 CA/W33	572	706	7.5	22.3	12	496	794	6	0.35	1.9	2.9	1.8
460	23292 CAK/W33	572	706	7.5	22.3	12	496	794	6	0.35	1.9	2.9	1.8
480	23296 CA/W33	600	741	7.5	22.3	12	516	834	6	0.35	1.9	2.9	1.8
480	23296 CAK/W33	600	741	7.5	22.3	12	516	834	6	0.35	1.9	2.9	1.8
500	232/500 CA/W33	631	779	7.5	22.3	12	536	884	6	0.35	1.9	2.9	1.8
500	232/500 CAK/W33	631	779	7.5	22.3	12	536	884	6	0.35	1.9	2.9	1.8
530	232/530 CA/W33	668	836	9.5	22.3	12	574	936	8	0.35	1.9	2.9	1.8
530	232/530 CAK/W33	668	836	9.5	22.3	12	574	936	8	0.35	1.9	2.9	1.8
560	232/560 CA/W33	704	877	9.5	22.3	12	604	986	8	0.35	1.9	2.9	1.8
560	232/560 CAK/W33	704	877	9.5	22.3	12	604	986	8	0.35	1.9	2.9	1.8
600	232/600 CA/W33	752	928	9.5	22.3	12	644	1046	8	0.35	1.9	2.9	1.8
600	232/600 CAK/W33	752	928	9.5	22.3	12	644	1046	8	0.35	1.9	2.9	1.8