

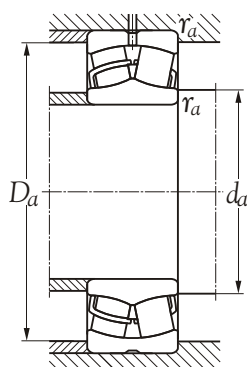
Inner bore d mm	Bearing number	Dimensions (mm)					Abutment and fillet Dimensions (mm)			Calculation factors			
		d_2	D_1	$r_{1,2}$ min	b	k	d_a min	D_a max	r_a max	e	Y_1	Y_2	Y_0
25	22205 CC	31.8	44.0	1.0			31	46	1.00	0.35	1.9	2.9	1.8
25	22205 CCK	31.8	44.0	1.0			31	46	1.00	0.35	1.9	2.9	1.8
25	22205 E	30.6	44.1	1.0	5.5	3	31	46	1.00	0.35	1.9	2.9	1.8
25	22205 EK	30.6	44.1	1.0	5.5	3	31	46	1.00	0.35	1.9	2.9	1.8
30	22206 CC	37.7	52.8	1.0			36	56	1.00	0.33	2.0	3.0	2.0
30	22206 CCK	37.7	52.8	1.0			36	56	1.00	0.33	2.0	3.0	2.0
30	22206 E	36.8	53.7	1.0	5.5	3	36	56	1.00	0.31	2.2	3.3	2.2
30	22206 EK	36.8	53.7	1.0	5.5	3	36	56	1.00	0.31	2.2	3.3	2.2
35	22207 CC	44.4	61.4	1.1			42	65	1.00	0.31	2.2	3.3	2.2
35	22207 CCK	44.4	61.4	1.1			42	65	1.00	0.31	2.2	3.3	2.2
35	22207 E	43.0	62.0	1.1	5.5	3	42	65	1.00	0.31	2.2	3.3	2.2
35	22207 EK	43.0	62.0	1.1	5.5	3	42	65	1.00	0.31	2.2	3.3	2.2
40	22208 CC	49.7	68.8	1.1			47	73	1.00	0.28	2.4	3.6	2.5
40	22208 CK	49.7	68.8	1.1			47	73	1.00	0.28	2.4	3.6	2.5
40	22208 E	49.1	70.3	1.1	5.5	3	47	73	1.00	0.28	2.4	3.6	2.5
40	22208 EK	49.1	70.3	1.1	5.5	3	47	73	1.00	0.28	2.4	3.6	2.5
50	22210 CC	60.0	79.2	1.1			57	83	1.00	0.24	2.8	4.2	2.8
50	22210 CCK	60.0	79.2	1.1			57	83	1.00	0.24	2.8	4.2	2.8
50	22210 E	60.6	81.5	1.1	5.5	3	57	83	1.00	0.26	2.6	3.9	2.5
50	22210 EK	60.6	81.5	1.1	5.5	3	57	83	1.00	0.26	2.6	3.9	2.5
55	22211 CC	66.0	88.1	1.5			64	91	1.50	0.24	2.8	4.2	2.8
55	22211 CCK	66.0	88.1	1.5			64	91	1.50	0.24	2.8	4.2	2.8
55	22211 E	65.3	89.7	1.5	5.5	3	64	91	1.50	0.24	2.8	4.2	2.8
55	22211 EK	65.3	89.7	1.5	5.5	3	64	91	1.50	0.24	2.8	4.2	2.8
60	22212 CC	72.7	96.6	1.5			69	101	1.50	0.24	2.8	4.2	2.8
60	22212 CCK	72.7	96.6	1.5			69	101	1.50	0.24	2.8	4.2	2.8
60	22212 E	71.6	98.0	1.5	5.5	3	69	101	1.50	0.24	2.8	4.2	2.8
60	22212 EK	71.6	98.0	1.5	5.5	3	69	101	1.50	0.24	2.8	4.2	2.8
65	22213 CC	79.4	106.0	1.5			74	111	1.50	0.24	2.8	4.2	2.8
65	22213 CCK	79.4	106.0	1.5			74	111	1.50	0.24	2.8	4.2	2.8
65	22213 E	77.5	107.0	1.5	5.5	3	74	111	1.50	0.24	2.8	4.2	2.8
65	22213 EK	77.5	107.0	1.5	5.5	3	74	111	1.50	0.24	2.8	4.2	2.8
70	22214 CC	84.6	111.0	1.5			79	116	1.50	0.23	2.9	4.4	2.8
70	22214 CCK	84.6	111.0	1.5			79	116	1.50	0.23	2.9	4.4	2.8





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	
70	22214 E	125	31	143200	182400	2500	3100	1.55
70	22214 EK	125	31	143200	182400	2500	3100	1.55
75	22215 CC	130	31	126400	166400	2300	3000	1.65
75	22215 CCK	130	31	126400	166400	2300	3000	1.65
75	22215 E	130	31	147200	192000	2300	3000	1.70
75	22215 EK	130	31	147200	192000	2300	3000	1.70
80	22216 CC	140	33	140800	182400	2200	2800	2.05
80	22216 CCK	140	33	140800	182400	2200	2800	2.05
80	22216 E	140	33	165600	216000	2200	2800	2.10
80	22216 EK	140	33	165600	216000	2200	2800	2.10
85	22217 CC/W33	150	36	168000	216000	2100	2600	2.55
85	22217 CCK/W33	150	36	168000	216000	2100	2600	2.55
85	22217 E	150	36	195200	260000	1900	2500	2.65
85	22217 EK	150	36	195200	260000	1900	2500	2.65
90	22218 CC/W33	160	40	202400	272000	1800	2300	3.40
90	22218 CCK/W33	160	40	202400	272000	1800	2300	3.40
90	22218 E	160	40	225600	300000	1800	2300	3.40
90	22218 EK	160	40	225600	300000	1800	2300	3.40
95	22219 CC/W33	170	43	225600	300000	1600	2200	4.00
95	22219 CCK/W33	170	43	225600	300000	1600	2200	4.00
95	22219 E	170	43	267200	360000	1600	2200	4.15
95	22219 EK	170	43	267200	360000	1600	2200	4.15
100	22220 CC/W33	180	46	248800	332000	1500	2100	4.85
100	22220 CCK/W33	180	46	248800	332000	1500	2100	4.85
100	22220 E	180	46	294400	392000	1500	2100	4.90
100	22220 EK	180	46	294400	392000	1500	2100	4.90
110	22222 CC/W33	200	53	326400	448000	1400	1900	7.00
110	22222 CCK/W33	200	53	326400	448000	1400	1900	7.00
110	22222 E	200	53	391200	512000	1400	1900	7.00
110	22222 EK	200	53	391200	512000	1400	1900	7.00
120	22224 CC/W33	215	58	372800	536000	1300	1800	8.70
120	22224 CCK/W33	215	58	372800	536000	1300	1800	8.70
120	22224 E	215	58	441600	612000	1300	1800	8.85
130	22226 CC/W33	230	64	436800	640000	1200	1600	11.00

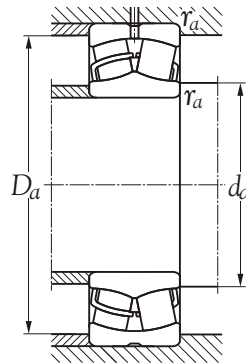




Inner bore d mm	Bearing number	Dimensions (mm)					Abutment and fillet Dimensions (mm)			Calculation factors			
		d_2	D_1	$r_{1,2}$ <i>min</i>	b	k	d_a <i>min</i>	D_a <i>max</i>	r_a <i>max</i>	e	Y_1	Y_2	Y_0
70	22214 E	83.0	112	1.5	5.5	3.0	79	116	1.5	0.23	2.9	4.4	2.8
70	22214 EK	83.0	112	1.5	5.5	3.0	79	116	1.5	0.23	2.9	4.4	2.8
75	22215 CC	89.7	116	1.5			84	121	1.5	0.22	3.0	4.6	2.8
75	22215 CCK	89.7	116	1.5			84	121	1.5	0.22	3.0	4.6	2.8
75	22215 E	87.8	117	1.5	5.5	3.0	84	121	1.5	0.22	3.0	4.6	2.8
75	22215 EK	87.8	117	1.5	5.5	3.0	84	121	1.5	0.22	3.0	4.6	2.8
80	22216 CC	95.1	124	2.0			90	130	2.0	0.22	3.0	4.6	2.8
80	22216 CCK	95.1	124	2.0			90	130	2.0	0.22	3.0	4.6	2.8
80	22216 E	94.2	127	2.0	5.5	3.0	90	130	2.0	0.22	3.0	4.6	2.8
80	22216 EK	94.2	127	2.0	5.5	3.0	90	130	2.0	0.22	3.0	4.6	2.8
85	22217 CC/W33	100.0	132	2.0	5.5	3.0	95	140	2.0	0.22	3.0	4.6	2.8
85	22217 CCK/W33	100.0	132	2.0	5.5	3.0	95	140	2.0	0.22	3.0	4.6	2.8
85	22217 E	101.0	135	2.0	5.5	3.0	95	140	2.0	0.22	3.0	4.6	2.8
85	22217 EK	101.0	135	2.0	5.5	3.0	95	140	2.0	0.22	3.0	4.6	2.8
90	22218 CC/W33	107.0	140	2.0	5.5	3.0	100	150	2.0	0.23	2.9	4.4	2.8
90	22218 CCK/W33	107.0	140	2.0	5.5	3.0	100	150	2.0	0.23	2.9	4.4	2.8
90	22218 E	106.0	143	2.0	5.5	3.0	100	150	2.0	0.24	2.8	4.2	2.8
90	22218 EK	106.0	143	2.0	5.5	3.0	100	150	2.0	0.24	2.8	4.2	2.8
95	22219 CC/W33	113.0	149	2.1	8.3	4.5	107	158	2.0	0.24	2.8	4.2	2.8
95	22219 CCK/W33	113.0	149	2.1	8.3	4.5	107	158	2.0	0.24	2.8	4.2	2.8
95	22219 E	112.0	152	2.1	8.3	4.5	107	158	2.0	0.24	2.8	4.2	2.8
95	22219 EK	112.0	152	2.1	8.3	4.5	107	158	2.0	0.24	2.8	4.2	2.8
100	22220 CC/W33	120.0	157	2.1	8.3	4.5	112	168	2.0	0.24	2.8	4.2	2.8
100	22220 CCK/W33	120.0	157	2.1	8.3	4.5	112	168	2.0	0.24	2.8	4.2	2.8
100	22220 E	118.0	161	2.1	8.3	4.5	112	168	2.0	0.24	2.8	4.2	2.8
100	22220 EK	118.0	161	2.1	8.3	4.5	112	168	2.0	0.24	2.8	4.2	2.8
110	22222 CC/W33	132.0	173	2.1	8.3	4.5	122	188	2.0	0.25	2.7	4.0	2.5
110	22222 CCK/W33	132.0	173	2.1	8.3	4.5	122	188	2.0	0.25	2.7	4.0	2.5
110	22222 E	130.0	180	2.1	8.3	4.5	122	188	2.0	0.25	2.7	4.0	2.5
110	22222 EK	130.0	180	2.1	8.3	4.5	122	188	2.0	0.25	2.7	4.0	2.5
120	22224 CC/W33	143.0	186	2.1	11.1	6.0	132	203	2.0	0.25	2.7	4.0	2.5
120	22224 CCK/W33	143.0	186	2.1	11.1	6.0	132	203	2.0	0.25	2.7	4.0	2.5
120	22224 E	141.0	186	2.1	11.1	6.0	132	203	2.0	0.26	2.6	3.9	2.5
130	22226 CC/W33	153.0	200	3.0	11.1	6.0	144	216	2.5	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>C</i> ₀	grease r/min	oil r/min	
130	22226 CCK/W33	230	64	436800	640000	1200	1600	11.00
130	22226 E	230	64	515200	744000	1200	1600	11.00
130	22226 EK	230	64	515200	744000	1200	1600	11.00
140	22228 CC/W33	250	68	488000	720000	1100	1500	14.00
140	22228 CCK/W33	250	68	488000	720000	1100	1500	14.00
150	22230 CC/W33	270	73	588800	864000	1100	1400	18.00
150	22230 CCK/W33	270	73	588800	864000	1100	1400	18.00
160	22232 CC/W33	290	80	690400	1032000	1000	1300	22.50
160	22232 CCK/W33	290	80	690400	1032000	1000	1300	22.50
170	22234 CC/W33	310	86	782400	1168000	900	1100	28.50
170	22234 CCK/W33	310	86	782400	1168000	900	1100	28.50
180	22236 CC/W33	320	86	808000	1248000	900	1100	29.50
180	22236 CCK/W33	320	86	808000	1248000	900	1100	29.50
190	22238 CC/W33	340	92	888000	1360000	800	1100	36.50
190	22238 CCK/W33	340	92	888000	1360000	800	1100	36.50
200	22240 CC/W33	360	98	1016000	1544000	700	1000	43.50
200	22240 CCK/W33	360	98	1016000	1544000	700	1000	43.50
220	22244 CC/W33	400	108	1216000	1888000	600	900	60.00
220	22244 CCK/W33	400	108	1216000	1888000	600	900	60.00
240	22248 CC/W33	440	120	1528000	2400000	600	800	83.00
240	22248 CCK/W33	440	120	1528000	2400000	600	800	83.00
260	22252 CC/W33	480	130	1840000	2840000	500	700	110.00
260	22252 CCK/W33	480	130	1840000	2840000	500	700	110.00
280	22256 CC/W33	500	130	1880000	3000000	500	700	115.00
280	22256 CCK/W33	500	130	1880000	3000000	500	700	115.00
300	22260 CC/W33	540	140	2208000	3400000	500	600	145.00
300	22260 CCK/W33	540	140	2208000	3400000	500	600	145.00
320	22264 CC/W33	580	150	2528000	3920000	400	500	175.00
320	22264 CCK/W33	580	150	2528000	3920000	400	500	175.00



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
130	22226 CCK/W33	153	200	3	11.1	6.0	144	216	2.5	0.26	2.6	3.9	2.5
130	22226 E	152	203	3	11.1	6.0	144	216	2.5	0.27	2.5	3.7	2.5
130	22226 EK	152	203	3	11.1	6.0	144	216	2.5	0.27	2.5	3.7	2.5
140	22228 CC/W33	166	216	3	11.1	6.0	154	236	2.5	0.26	2.6	3.9	2.5
140	22228 CCK/W33	166	216	3	11.1	6.0	154	236	2.5	0.26	2.6	3.9	2.5
150	22230 CC/W33	179	234	3	13.9	7.5	164	256	2.5	0.26	2.6	3.9	2.5
150	22230 CCK/W33	179	234	3	13.9	7.5	164	256	2.5	0.26	2.6	3.9	2.5
160	22232 CC/W33	191	250	3	13.9	7.5	174	276	2.5	0.26	2.6	3.9	2.5
160	22232 CCK/W33	191	250	3	13.9	7.5	174	276	2.5	0.26	2.6	3.9	2.5
170	22234 CC/W33	204	267	4	16.7	9.0	188	292	3.0	0.27	2.5	3.7	2.5
170	22234 CCK/W33	204	267	4	16.7	9.0	188	292	3.0	0.27	2.5	3.7	2.5
180	22236 CC/W33	214	277	4	16.7	9.0	198	302	3.0	0.26	2.6	3.9	2.5
180	22236 CCK/W33	214	277	4	16.7	9.0	198	302	3.0	0.26	2.6	3.9	2.5
190	22238 CC/W33	226	294	4	16.7	9.0	208	322	3.0	0.19	3.6	5.3	3.6
190	22238 CCK/W33	226	294	4	16.7	9.0	208	322	3.0	0.19	3.6	5.3	3.6
200	22240 CC/W33	238	312	4	16.7	9.0	218	342	3.0	0.26	2.6	3.9	2.5
200	22240 CCK/W33	238	312	4	16.7	9.0	218	342	3.0	0.26	2.6	3.9	2.5
220	22244 CC/W33	264	345	4	16.7	9.0	238	382	3.0	0.27	2.5	3.7	2.5
220	22244 CCK/W33	264	345	4	16.7	9.0	238	382	3.0	0.27	2.5	3.9	2.5
240	22248 CC/W33	290	383	4	22.3	12.0	258	422	3.0	0.27	2.5	3.7	2.5
240	22248 CCK/W33	290	383	4	22.3	12.0	258	422	3.0	0.27	2.5	3.7	2.5
260	22252 CC/W33	328	420	5	22.3	12.0	282	458	4.0	0.27	2.5	3.7	2.5
260	22252 CCK/W33	328	420	5	22.3	12.0	282	458	4.0	0.27	2.5	3.7	2.5
280	22256 CC/W33	349	439	5	22.3	12.0	302	478	4.0	0.26	2.6	3.9	2.5
280	22256 CCK/W33	349	439	5	22.3	12.0	302	478	4.0	0.26	2.6	3.9	2.5
300	22260 CC/W33	371	478	5	22.3	12.0	322	518	4.0	0.26	2.6	3.9	2.5
300	22260 CCK/W33	371	478	5	22.3	12.0	322	518	4.0	0.26	2.6	3.9	2.5
320	22264 CC/W33	399	513	5	22.3	12.0	342	558	4.0	0.26	2.6	3.9	2.5
320	22264 CCK/W33	399	513	5	22.3	12.0	342	558	4.0	0.26	2.6	3.9	2.5