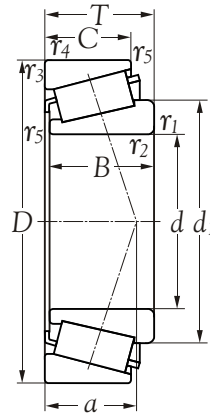


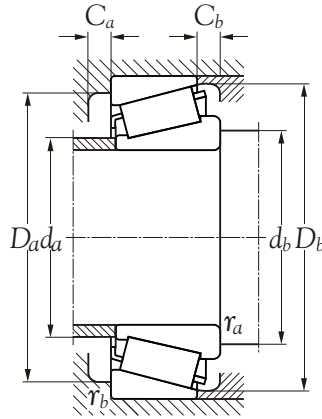


Technical Information



Inner bore <i>d</i> mm	Bearing number	Principal dimensions		Basic load ratings		Speed ratings		Dimension series to iso 355	Mass kg
		<i>D</i> mm	<i>T</i> mm	dynamic C N	static C ₀ N	grease oil r/min	oil r/min		
17	30203	40	13.25	15200	14800	6300	9100	2 DB	0.075
20	30204	47	15.25	22000	22400	5600	7700	2 DB	0.120
25	30205	52	16.25	24600	26800	5200	7000	3 CC	0.150
30	30206	62	17.25	32100	35200	4400	5900	3 DB	0.230
35	30207	72	18.25	40900	44800	3700	4900	3 DB	0.320
40	30208	80	19.75	49200	54400	3300	4400	3 DB	0.420
45	30209	85	20.75	52800	61200	3100	4200	3 DB	0.480
50	30210	90	21.75	61200	73200	3000	3900	3 DB	0.540
55	30211	100	22.75	71700	84800	2600	3500	3 DB	0.700
60	30212	110	23.75	79200	91200	2300	3100	2 EB	0.880
65	30213	120	24.75	91200	107200	2100	2800	3 EB	1.150
70	30214	125	26.25	100000	124800	2100	2800	3 EB	1.250
75	30215	130	27.25	112000	140800	1900	2600	4 DB	1.400
80	30216	140	28.25	120800	146400	1600	2300	3 EB	1.600
85	30217	150	30.50	140800	176000	1500	2200	3 EB	2.050
90	30218	160	32.50	155200	196000	1400	2100	3 FB	2.550
95	30219	170	34.50	172800	220000	1300	1900	3 FB	3.000
100	30220	180	37.00	196800	256000	1300	1900	2 FB	3.650
105	30221	190	39.00	216000	284000	1200	1800	3 FB	4.250
110	30222	200	41.00	246400	324000	1100	1600	3 FB	5.100
120	30224	215	43.50	272800	372000	1100	1500	4 FB	6.150
130	30226	230	43.75	295200	392000	1000	1400	4 FB	7.600
140	30228	250	45.75	334400	456000	900	1300	4 FB	8.650
150	30230	270	49.00	343200	448000	900	1200	2 GB	11.000
160	30232	290	52.00	422400	588000	700	1100	4 GB	13.000
170	30234	310	57.00	492800	692000	700	1000	4 GB	19.000
180	30236	320	57.00	466400	652000	700	1000	4 GB	20.000
190	30238	340	60.00	576800	800000	600	900	4 GB	24.000
200	30240	360	64.00	633600	896000	600	900	4 GB	25.000
220	30244	400	72.00	792000	1120000	500	800		40.000





Inner bore <i>d</i> mm	Bearing number	Dimensions(mm)								Abutment and fillet dimensions(mm)								Calculation factors		
		<i>d</i> ₁ ≈	<i>B</i>	<i>C</i>	<i>r</i> _{1,2} min	<i>r</i> _{3,4} min	<i>r</i> ₅ min	<i>a</i>	<i>d</i> _a max	<i>d</i> _b min	<i>D</i> _a min	<i>D</i> _a max	<i>D</i> _b min	<i>D</i> _b max	<i>C</i> _a min	<i>C</i> _b min	<i>r</i> _a max	<i>r</i> _b max	<i>e</i>	<i>Y</i>
17	30203	28.0	12	11	1.0	1.0	0.3	10	23	23	34	34	37	2	2.0	1.0	1.0	0.35	1.7	0.9
20	30204	33.2	14	12	1.0	1.0	0.3	11	27	26	40	41	43	2	3.0	1.0	1.0	0.35	1.7	0.9
25	30205	37.4	15	13	1.0	1.0	0.3	12	31	31	44	46	48	2	3.0	1.0	1.0	0.37	1.6	0.9
30	30206	44.6	16	14	1.0	1.0	0.3	14	38	36	53	56	57	2	3.0	1.0	1.0	0.37	1.6	0.9
35	30207	51.8	17	15	1.5	1.5	0.6	15	44	42	62	65	67	3	3.0	1.0	1.0	0.37	1.6	0.9
40	30208	57.5	18	16	1.5	1.5	0.6	16	49	47	69	73	74	3	3.5	1.0	1.0	0.37	1.6	0.9
45	30209	63.0	19	16	1.5	1.5	0.6	18	54	52	74	78	80	3	4.5	1.0	1.0	0.40	1.5	0.8
50	30210	67.9	20	17	1.5	1.5	0.6	19	58	57	79	83	85	3	4.5	1.0	1.0	0.43	1.4	0.8
55	30211	74.6	21	18	2.0	1.5	0.6	20	64	64	87	91	94	4	4.5	1.5	1.5	0.40	1.5	0.8
60	30212	81.5	22	19	2.0	1.5	0.6	22	70	69	96	101	103	4	4.5	1.5	1.5	0.40	1.5	0.8
65	30213	89.0	23	20	1.5	0.6	23	78	74	72	106	111	113	4	4.5	1.5	1.5	0.40	1.5	0.8
70	30214	93.9	24	21	2.0	1.5	0.6	25	82	79	110	116	118	4	5.0	1.5	1.5	0.43	1.4	0.8
75	30215	99.2	25	22	2.0	1.5	0.6	27	86	84	115	121	124	4	5.0	1.5	1.5	0.43	1.4	0.8
80	30216	105.0	26	22	2.5	2.0	0.6	28	92	90	124	130	132	4	6.0	2.0	2.0	0.43	1.4	0.8
85	30217	112.0	28	24	2.5	2.0	0.6	30	97	95	132	140	141	5	6.5	2.0	2.0	0.43	1.4	0.8
90	30218	118.0	30	26	2.5	2.0	0.6	31	104	100	140	150	150	5	6.5	2.0	2.0	0.43	1.4	0.8
95	30219	126.0	32	27	3.0	2.5	1.0	33	110	107	149	158	159	5	7.5	2.0	2.0	0.43	1.4	0.8
100	30220	133.0	34	29	3.0	2.5	1.0	35	116	112	157	168	168	5	8.0	2.0	2.0	0.43	1.4	0.8
105	30221	141.0	36	30	3.0	2.5	1.0	37	123	117	165	178	177	6	9.0	2.0	2.0	0.43	1.4	0.8
110	30222	148.0	38	32	3.0	2.5	1.0	39	129	122	174	188	187	6	9.0	2.0	2.0	0.43	1.4	0.8
120	30224	161.0	40	34	3.0	2.5	1.0	43	141	132	187	203	201	6	9.5	2.0	2.0	0.43	1.4	0.8
130	30226	173.0	40	34	4.0	3.0	1.0	45	152	144	203	216	217	7	9.5	2.5	2.5	0.43	1.4	0.8
140	30228	186.0	42	36	4.0	3.0	1.0	47	164	154	219	236	234	7	9.5	2.5	2.5	0.43	1.4	0.8
150	30230	200.0	45	38	4.0	3.0	1.0	50	175	164	234	256	250	9	11.0	2.5	2.5	0.43	1.4	0.8
160	30232	214.0	48	40	4.0	3.0	1.0	54	189	174	252	276	269	8	12.0	2.5	2.5	0.43	1.4	0.8
170	30234	230.0	52	43	5.0	4.0	1.5	58	203	188	268	292	288	8	14.0	3.0	3.0	0.43	1.4	0.8
180	30236	239.0	52	43	5.0	4.0	1.5	61	211	198	278	302	297	9	14.0	3.0	3.0	0.46	1.3	0.7
190	30238	254.0	55	46	5.0	4.0	1.5	63	224	208	298	322	318	9	14.0	3.0	3.0	0.43	1.4	0.8
200	30240	268.0	58	48	5.0	4.0	1.5	68	237	218	315	342	336	9	16.0	3.0	3.0	0.43	1.4	0.8
220	30244	294.0	65	54	5.0	4.0	1.5	74	259	238	348	382	371	10	18.0	3.0	3.0	0.43	1.4	0.8

