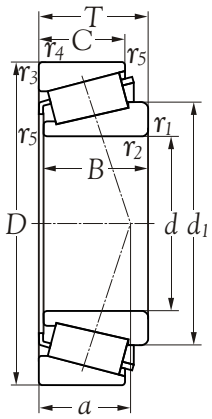
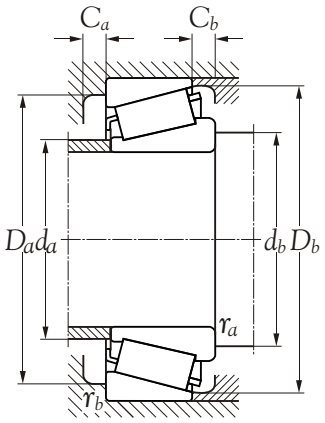
Technical Information



Inner bore d	Bearing number	Principal dimensions D	Principal dimensions T	Basic load ratings dynamic C	Basic load ratings static Co	Speed ratings lubrication grease	Speed ratings lubrication oil	Dimension series to iso 355	Mass
mm		mm		N		r/min			kg
15	30302	42	14.25	17900	16000	6300	9100	2 FB	0.095
17	30303	47	15.25	22400	20000	5900	8400	2 FB	0.130
20	30304	52	16.25	27200	26000	5600	7700	2 FB	0.170
25	30305	62	18.25	35600	34400	4600	6300	2 FB	0.260
30	30306	72	20.75	44800	44800	3900	5200	2 FB	0.390
35	30307	80	22.75	57600	58800	3500	4600	2 FB	0.520
40	30308	90	25.25	68600	76000	3100	4200	2 FB	0.720
45	30309	100	27.25	86400	96000	2800	3700	2 FB	0.970
50	30310	110	29.25	100000	112000	2500	3300	2 FB	1.250
55	30311	120	31.50	113600	130400	2200	3000	2 FB	1.550
60	30312	130	33.50	134400	156800	2100	2800	2 FB	1.950
65	30313	140	36.00	155200	182400	1800	2500	2 GB	2.400
70	30314	150	38.00	176000	208000	1600	2300	2 GB	2.900
75	30315	160	40.00	196800	232000	1500	2200	2 GB	3.450
80	30316	170	42.50	216000	256000	1400	2100	2 GB	4.100
85	30317	180	44.50	242400	292000	1300	1900	2 GB	4.850
90	30318	190	46.50	264000	320000	1200	1800	2 GB	5.650
95	30319	200	49.50	264000	312000	1200	1800	2 GB	6.700
100	30320	215	51.50	321600	392000	1100	1600	2 GB	8.050
105	30321	225	53.50	343200	424000	1100	1500	2 GB	9.150
110	30322	240	54.50	378400	468000	4600	1500	2 GB	11.000
120	30324	260	59.50	448800	568000	1000	1400	2 GB	14.000
130	30326	280	63.75	501600	640000	900	1200	2 GB	17.000
140	30328	300	67.75	589600	760000	800	1100	2 GB	21.000
150	30330	320	72.00	660000	848000	700	1100	2 GB	28.500
160	30332	340	75.00	730400	944000	700	1000	2 GB	29.000
170	30334	360	80.00	816000	1072000	600	900	2 GB	35.000
260	30352	540	113.00	1696000	2440000	400	600		110.000



Inner bore	Bearing number	Dimensions(mm)							Abutment and fillet dimensions(mm)									Calculation factors		
d mm		d_1 ≈	B	C	$r_{1,2}$ min	$r_{3,4}$ min	r_5 min	a	d_a max	d_b min	D_a min	D_a max	D_b min	C_a min	C_b min	r_a max	r_b max	e	Y	Y_0
15	30302	27.3	13.0	11	1.0	1.0	0.3	9	22	21	36	36	38	2	3.0	1.0	1.0	0.28	2.1	1.1
17	30303	30.4	14.0	12	1.0	1.0	0.3	10	25	23	40	41	42	2	3.0	1.0	1.0	0.28	2.1	1.1
20	30304	34.3	15.0	13	1.5	1.5	0.6	11	28	27	44	45	47	2	3.0	1.0	1.0	0.30	2.0	1.1
25	30305	41.5	17.0	15	1.5	1.5	0.6	13	34	32	54	55	57	2	30	1.0	1.0	0.30	2.0	1.1
30	30306	48.4	19.0	16	1.5	1.5	0.6	15	41	37	62	65	66	3	4.5	1.0	1.0	0.31	1.9	1.1
35	30307	54.5	21.0	18	2.0	1.5	0.6	16	46	44	70	71	74	3	4.5	1.5	1.5	0.31	1.9	1.1
40	30308	61.2	32.5	28	2.5	2.0	0.6	22	48	50	70	75	80	5	5.0	2.0	2.0	0.35	1.7	0.9
45	30309	70.1	25.0	22	2.0	1.5	0.6	21	59	54	86	91	92	3	5.0	1.5	1.5	0.35	1.7	0.9
50	30310	77.2	27.0	23	2.5	2.0	0.6	23	65	60	95	100	102	4	6.0	2.0	2.0	0.35	1.7	0.9
55	30311	84.0	29.0	25	2.5	2.0	0.6	24	71	65	104	110	111	4	6.5	2.0	2.0	0.35	1.7	0.9
60	30312	91.9	31.0	26	3.0	2.5	1.0	26	77	72	112	118	120	5	7.5	2.0	2.0	0.35	1.7	0.9
65	30313	98.6	33.0	28	3.0	2.5	1.0	28	84	77	122	128	130	5	8.0	2.0	2.0	0.35	1.7	0.9
70	30314	105.0	35.0	30	3.0	2.5	1.0	29	90	82	130	138	140	5	8.0	2.0	2.0	0.35	1.7	0.9
75	30315	112.0	37.0	31	3.0	2.5	1.0	31	96	87	139	148	149	5	9.0	2.0	2.0	0.35	1.7	0.9
80	30316	120.0	39.0	33	3.0	2.5	1.0	33	102	92	148	158	159	5	9.5	2.0	2.0	0.35	1.7	0.9
85	30317	126.0	41.0	34	4.0	3.0	1.0	35	107	99	156	166	167	6	10.5	2.5	2.5	0.35	1.7	0.9
90	30318	132.0	43.0	36	4.0	3.0	1.0	36	113	104	165	176	176	6	10.5	2.5	2.5	0.35	1.7	0.9
95	30319	139.0	45.0	38	4.0	3.0	1.0	39	118	109	172	186	184	6	11.5	2.5	2.5	0.35	1.7	0.9
100	30320	148.0	47.0	39	4.0	3.0	1.0	40	127	114	184	201	197	6	12.5	2.5	2.5	0.35	1.7	0.9
105	30321	155.0	49.0	41	4.0	3.0	1.0	41	133	119	193	211	206	7	12.5	2.5	2.5	0.35	1.7	0.9
110	30322	165.0	50.0	42	4.0	3.0	1.0	43	142	124	206	226	220	8	12.5	2.5	2.5	0.35	1.7	0.9
120	30324	178.0	55.0	46	4.0	3.0	1.0	47	153	134	221	246	237	7	13.5	2.5	2.5	0.35	1.7	0.9
130	30326	196.0	58.0	49	5.0	4.0	1.5	51	164	148	239	262	255	8	14.5	3.0	3.0	0.35	1.7	0.9
140	30328	205.0	62.0	53	5.0	4.0	1.5	54	176	158	255	282	273	8	14.5	3.0	3.0	0.35	1.7	0.9
150	30330	220.0	65.0	55	5.0	4.0	1.5	58	189	168	273	302	292	9	17.0	3.0	3.0	0.35	1.7	0.9
160	30332	233.0	68.0	58	5.0	4.0	1.5	61	201	178	290	322	310	9	17.0	3.0	3.0	0.35	1.7	0.9
170	30334	248.0	72.0	62	5.0	4.0	1.5	66	213	188	307	342	329	9	18.0	3.0	3.0	0.35	1.7	0.9
260	30352	376.0	102.0	85	6.0	6.0	2.5	97	325	288	461	512	493	15	28.0	4.0	4.0	0.35	1.7	0.9