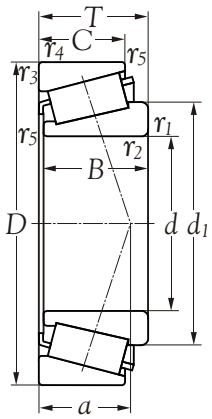
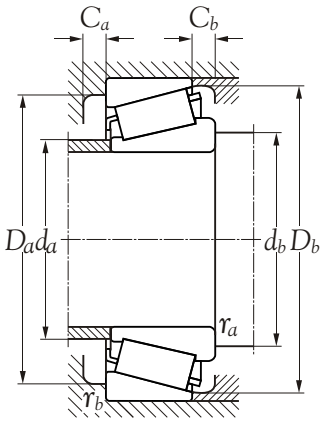
Technical Information



Inner bore d	Bearing number	Principal dimensions D	T	Basic load ratings dynamic C	static Co	Speed ratings lubrication grease	oil	Dimension series to iso 355	Mass
mm		mm		N		r/min			kg
25	33205	52	22	37800	44800	4600	6300	5 DE	0.23
30	33206	62	25	51500	61200	3900	5200	2 DE	0.37
35	33207	72	28	67300	84800	3300	4400	2 DE	0.56
40	33208	80	32	84000	105600	3000	3900	2 DE	0.77
45	33209	85	32	86400	114400	2800	3700	3 DE	0.82
50	33210	90	32	91200	128000	2600	3500	3 DE	0.90
55	33211	100	35	110400	152000	2300	3100	3 DE	1.20
60	33212	110	38	134400	188800	2100	2800	3 EE	1.60
65	33213	120	41	155200	216000	1900	2600	3 EE	2.05
70	33214	125	41	160800	228000	1800	2500	3 EE	2.10
75	33215	130	41	167200	240000	1600	2300	3 EE	2.25
80	33216	140	46	200800	300000	1500	2200	3 EE	2.90
85	33217	150	49	228800	344000	1400	2100	3 EE	3.70
100	33220	180	63	343200	524000	1100	1600	3 FE	6.95



Inner bore d mm	Bearing number	Dimensions(mm)							Abutment and fillet dimensions(mm)									Calculation factors		
		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
25	**33205**	38.6	22	18.0	1.0	1.0	0.3	14	30	31	43	46	49	4	4.0	1.0	1.0	0.35	1.7	0.9
30	**33206**	45.8	25	19.5	1.0	1.0	0.3	16	36	36	53	56	59	5	5.5	1.0	1.0	0.35	1.7	0.9
35	**33207**	53.4	28	22.0	1.5	1.5	0.6	18	42	42	61	65	68	5	6.0	1.0	1.0	0.35	1.7	0.9
40	**33208**	59.7	32	25.0	1.5	1.5	0.6	21	47	47	67	73	76	5	7.0	1.0	1.0	0.35	1.7	0.9
45	**33209**	65.2	32	25.0	1.5	1.5	0.6	22	52	52	72	78	81	5	7.0	1.0	1.0	0.40	1.5	0.8
50	**33210**	70.7	32	24.5	1.5	1.5	0.6	23	57	57	77	83	87	5	7.5	1.0	1.0	0.40	1.5	0.8
55	**33211**	77.6	35	27.0	2.0	1.5	0.6	25	63	64	104	91	96	6	8.0	1.5	1.5	0.40	1.5	0.8
60	**33212**	85.3	38	29.0	2.0	1.5	0.6	27	69	69	93	101	105	6	9.0	1.5	1.5	0.40	1.5	0.8
65	**33213**	92.1	41	32.0	2.0	1.5	0.6	29	75	74	102	111	115	6	9.0	1.5	1.5	0.40	1.5	0.8
70	**33214**	97.2	41	32.0	2.0	1.5	0.6	30	79	79	107	116	120	6	9.0	1.5	1.5	0.40	1.5	0.8
75	**33215**	102.0	41	31.0	2.0	1.5	0.6	32	84	84	111	121	125	6	10.0	1.5	1.5	0.43	1.4	0.8
80	**33216**	110.0	46	35.0	2.5	2.0	0.6	35	89	90	119	130	135	7	11.0	2.0	2.0	0.43	1.4	0.8
85	**33217**	117.0	49	37.0	2.5	2.0	0.6	37	96	95	128	140	144	7	12.0	2.0	2.0	0.43	1.4	0.8
100	**33220**	139.0	63	48.0	3.0	2.5	1.0	43	112	112	151	168	172	10	15.0	2.0	2.0	0.40	1.5	0.8