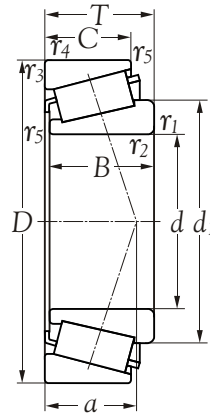


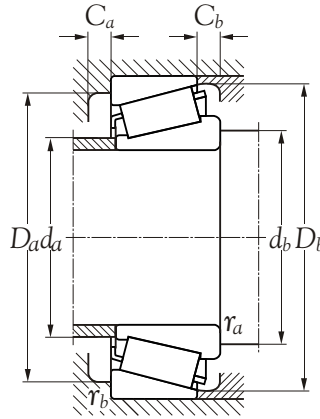


Technical Information



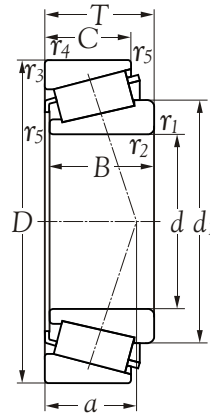
Inner bore <i>d</i> mm	Bearing number	Principal dimensions		Basic load ratings		Speed ratings		Dimension series to iso 355	Mass kg
		<i>D</i> mm	<i>T</i> mm	dynamic <i>C</i> N	static <i>C₀</i> N	grease oil lubrication r/min	oil lubrication r/min		
20	32004 X	42	15	19300	21600	5900	8400	3 CC	0.097
22	320/22 X	44	15	20000	23200	5600	7700	3 CC	0.100
25	32005X	47	15	21600	26000	5600	7700	4 CC	0.110
28	320/28 X	52	16	25500	30400	4900	6600	4 CC	0.150
30	32006 X	55	17	28600	35200	4600	6300	4 CC	0.170
32	320/32 X	58	17	29500	37200	4400	5900	4 CC	0.190
35	32007 X	62	18	34300	43200	4200	5600	4 CC	0.220
40	32008 X	68	19	42200	56800	3700	4900	3 CD	0.270
45	32009 X	75	20	46600	64000	3300	4400	3 CC	0.340
50	32010 X	80	20	48400	70400	3100	4200	3 CC	0.370
55	32011 X	90	23	64700	92800	2800	3700	3 CC	0.550
60	32012 X	95	23	66000	97600	2600	3500	4 CC	0.590
65	32013 X	100	23	67300	101600	2300	3100	4 CC	0.630
70	32014 X	110	25	80800	122400	2200	3000	4 CC	0.840
75	32015 X	115	25	84800	130400	2100	2800	4 CC	0.900
80	32016 X	125	29	110400	172800	1800	2500	3 CC	1.300
85	32017 X	130	29	112000	179200	1600	2300	4 CC	1.350
90	32018 X	140	32	134400	216000	1500	2200	3 CC	1.750
95	32019 X	145	32	134400	216000	1500	2200	4 CC	1.800
100	32020 X	150	32	137600	224000	1400	2100	4 CC	1.900
105	32021 X	160	35	160800	268000	1300	1900	4 DC	2.400
110	32022 X	170	38	186400	312000	1200	1800	4 DC	3.050
120	32024 X	180	38	193600	332000	1100	1600	4 DC	3.250
130	32026 X	200	45	251200	432000	1100	1500	4 EC	4.950
140	32028 X	210	45	264000	468000	1100	1500	4 DC	5.250
150	32030 X	225	48	295200	524000	1000	1400	4 EC	6.350
160	32032 X	240	51	343200	624000	900	1200	4 EC	7.750
170	32034 X	260	57	409600	732000	800	1100	4 EC	10.500
180	32036 X	280	64	515200	928000	700	1100	3 FD	14.500
190	32038 X	290	64	528000	960000	700	1000	4 FD	15.000
200	32040 X	310	70	598400	1096000	600	900	4 FD	19.500
220	32044 X	340	76	717600	1328000	600	900	4 FD	25.500
240	32048 X	360	76	748000	1440000	500	800	4 FD	27.500
260	32052 X	400	87	936000	1760000	500	700	4 FC	40.000





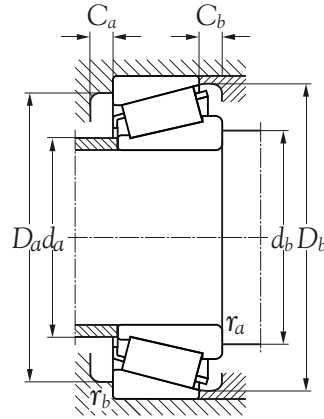
Inner bore d mm	Bearing number	Dimensions(mm)							Abutment and fillet dimensions(mm)								Calculation factors			
		d_1 \approx	B	C	$r_{1,2}$ min	$r_{3,4}$ min	r_5 min	a	d_a max	d_b min	D_a min	D_a max	D_b min	D_b max	C_a min	C_b min	r_a max	r_b max	e	Y
20	32004 X	31.1	15	12.0	0.6	0.6	0.3	10	25	25	36	37	39	2	3.0	0.6	0.6	0.37	1.60	0.9
22	320/22 X	33.4	15	11.5	0.6	0.6	0.3	11	27	27	38	39	41	3	3.5	0.6	0.6	0.40	1.50	0.8
25	32005X	36.5	15	11.5	0.6	0.6	0.3	11	30	30	40	42	44	3	3.5	0.6	0.6	0.43	1.40	0.8
28	320/28 X	40.3	16	12.0	1.0	1.0	0.3	12	34	34	45	46	49	3	4.0	1.0	1.0	0.43	1.40	0.8
30	32006 X	43.0	17	13.0	1.0	1.0	0.3	13	35	36	48	49	52	3	4.0	1.0	1.0	0.43	1.40	0.8
32	320/32 X	45.6	17	13.0	1.0	1.0	0.3	14	38	38	50	52	55	3	4.0	1.0	1.0	0.46	1.30	0.7
35	32007 X	49.2	18	14.0	1.0	1.0	0.3	15	41	41	54	56	59	4	4.0	1.0	1.0	0.46	1.30	0.7
40	32008 X	54.2	19	14.5	1.0	1.0	0.3	15	46	46	60	62	65	4	4.5	1.0	1.0	0.37	1.60	0.9
45	32009 X	60.4	20	15.5	1.0	1.0	0.3	16	52	51	67	69	72	4	4.5	1.0	1.0	0.40	1.50	0.8
50	32010 X	65.6	20	15.5	1.0	1.0	0.3	18	57	56	72	74	77	4	4.5	1.0	1.0	0.43	1.40	0.8
55	32011 X	73.2	23	17.5	1.5	1.5	0.6	20	63	62	81	83	86	4	5.5	1.0	1.0	0.40	1.50	0.8
60	32012 X	77.8	23	17.5	1.5	1.5	0.6	21	67	67	85	88	91	4	5.0	1.0	1.0	0.43	1.40	0.8
65	32013 X	83.3	23	17.5	1.5	1.5	0.6	22	72	72	90	93	97	4	5.5	1.0	1.0	0.46	1.30	0.7
70	32014 X	89.8	25	19.0	1.5	1.5	0.6	23	78	77	98	103	105	5	6.0	1.0	1.0	0.43	1.40	0.8
75	32015 X	95.1	25	19.0	1.5	1.5	0.6	25	83	82	103	108	110	5	6.0	1.0	1.0	0.46	1.30	0.7
80	32016 X	103.0	29	22.0	1.5	1.5	0.6	27	90	87	112	118	120	6	7.0	1.0	1.0	0.43	1.40	0.8
85	32017 X	108.0	29	22.0	1.5	1.5	0.6	28	94	92	117	123	125	6	7.0	1.0	1.0	0.44	1.35	0.8
90	32018 X	115.0	32	24.0	2.0	1.5	0.6	30	100	99	125	131	134	6	8.0	1.5	1.5	0.43	1.40	0.8
95	32019 X	120.0	32	24.0	2.0	1.5	0.6	31	105	104	130	136	139	6	8.0	1.5	1.5	0.44	1.35	0.8
100	32020 X	125.0	32	24.0	2.0	1.5	0.6	32	110	109	134	141	144	6	8.0	1.5	1.5	0.46	1.30	0.7
105	32021 X	132.0	35	26.0	2.5	2.0	0.6	34	116	115	143	150	154	6	9.0	2.0	2.0	0.44	1.35	0.8
110	32022 X	140.0	38	29.0	2.5	2.0	0.6	36	123	120	152	160	163	7	9.0	2.0	2.0	0.43	1.40	0.8
120	32024 X	150.0	38	29.0	2.5	2.0	0.6	39	132	130	161	170	173	7	9.0	2.0	2.0	0.46	1.30	0.7
130	32026 X	165.0	45	34.0	2.5	2.0	0.6	42	144	140	178	190	192	7	11.0	2.0	2.0	0.43	1.40	0.8
140	32028 X	175.0	45	34.0	2.5	2.0	0.6	46	153	150	187	200	202	7	11.0	2.0	2.0	0.46	1.30	0.7
150	32030 X	187.0	48	36.0	3.0	2.5	1.0	49	164	162	200	213	216	8	12.0	2.5	2.5	0.46	1.30	0.7
160	32032 X	200.0	51	38.0	3.0	2.5	1.0	52	175	172	213	228	231	8	13.0	2.0	2.0	0.46	1.30	0.7
170	32034 X	214.0	57	43.0	3.0	2.5	1.0	56	188	182	230	248	249	10	14.0	2.0	2.0	0.44	1.35	0.8
180	32036 X	229.0	64	48.0	3.0	2.5	1.0	59	199	192	247	268	267	10	16.0	2.0	2.0	0.43	1.40	0.8
190	32038 X	240.0	64	48.0	3.0	2.5	1.0	62	210	202	257	278	279	10	16.0	2.0	2.0	0.44	1.35	0.8
200	32040 X	254.0	70	53.0	3.0	2.5	1.0	66	222	212	273	298	297	11	17.0	2.5	2.0	0.43	1.40	0.8
220	32044 X	279.0	76	57.0	4.0	3.0	1.0	72	244	234	300	326	326	12	19.0	2.5	2.5	0.43	1.40	0.8
240	32048 X	299.0	76	57.0	4.0	3.0	1.0	78	262	254	318	346	346	12	19.0	2.5	2.5	0.46	1.30	0.7
260	32052 X	328.0	87	65.0	5.0	4.0	1.5	84	287	278	352	382	383	13	22.0	3.0	3.0	0.43	1.40	0.8





Inner bore <i>d</i> mm	Bearing number	Principal Dimensions		Basic load ratings		Speed ratings lubrication		Dimension Series to ISO 355	Mass kg
		<i>D</i> mm	<i>T</i> mm	dynamic <i>C</i> N	static <i>Co</i> N	grease r/min	oil r/min		
280	32056 X	420	87	968000	1888000	500	700	4 FC	40.5
320	32064 X	480	100	1232000	2480000	400	500	4 GD	64.0





Inner bore d mm	Bearing number	Dimensions(mm)							Abutment and fillet dimensions(mm)								Calculation factors			
		d_1 \approx	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
280	32056 X	348	87	65	5	4	1.5	89	305	298	370	402	402	14	22	3	3	0.46	1.3	0.7
320	32064 X	399	100	74	5	4	1.5	103	350	338	424	462	461	15	26	3	3	0.46	1.3	0.7

