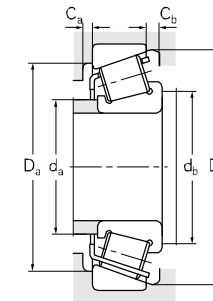
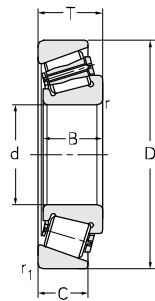
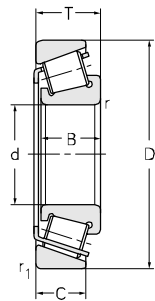


Single-row Tapered Roller Bearing(Metric)

d 140~170 mm



Principal dimensions					Basic load ratings				Limit speed ratings				
d	D	T	B	C	r _{radial}	r _{axial}	r _{1radial}	r _{1axial}	C _R	C _{OR}	Grease	Oil	
										r/min			
140	190	32	32	25	2	2	1.5	1.5	206	390	1600	2200	
	190	32.5	30	26	2	2	1.5	1.5	206	390	1600	2200	
	210	45	45	34	2.5	2.5	2	2	330	560	1600	2200	
	210	45.5	42	36	2.5	2.5	2	2	330	560	1600	2200	
	230	58	57	45	3	3	3	3	400	660	1600	2200	
	230	58	57	45	3	3	3	3	400	660	1600	2200	
	250	45.75	42	36	4	4	3	3	405	540	1400	1900	
	250	71.75	68	58	4	4	3	3	650	1000	1400	1900	
	300	107.75	102	85	5	5	4	4	1090	1630	1200	1700	
	300	67.75	62	53	5	5	4	4	740	945	1200	1700	
	300	77	70	47	5	5	4	4	695	900	1200	1700	
	300	90	82	60	3.7	3.7	3.7	3.7	660	915	1200	1700	
150	210	38	38	30	2.5	2.5	2	2	270	465	1500	2000	
	210	38.5	36	31	2.5	2.5	2	2	220	385	1500	2000	
	225	48	48	36	3	3	2.5	2.5	365	635	950	1400	
	225	48.5	45	38	3	3	2.5	2.5	365	635	950	1400	
	225	48.5	45	38	3	3	2.5	2.5	254	635	950	1400	
	270	49	45	38	4	4	3	3	450	605	1300	1800	
	270	77	73	60	4	4	3	3	735	1140	1200	1700	
	320	114	108	90	5	5	4	4	1280	1880	950	1400	
	320	72	65	55	5	5	4	4	815	1050	1100	1600	
	160	220	38.5	36	31	2.5	2.5	2	2	232	400	1500	2000
		240	51	51	38	3	3	2.5	2.5	415	730	1100	1600
		240	51.5	48	41	3	3	2.5	2.5	415	730	1100	1600
290		52	48	40	4	4	3	3	510	695	1100	1600	
290		84	80	67	4	4	3	3	925	1490	1100	1600	
340		88	79	54	3.7	3.7	3.7	3.7	825	1080	1000	1500	
340	121	114	95	5	5	4	4	1540	2230	1000	1500		
170	220	27	25	19.5	3	3	3	3	166	328	1600	2150	

Designations	Abutment and fillet dimensions							Calculation coefficient				Weight kg
	da _{max}	db _{min}	Da _{min}	Da _{max}	Db _{min}	Ca _{min}	Cb _{min}	e	Y	Y0	a	
mm												
32928	150	150	177	182	184	6	7	0.35	1.7	0.9	33	2.55
32928X2A	142	149	164	183	174	9	6.5	0.27	2.2	0.22	28	2.43
32028	154	150	183	202	204	4.5	11	0.46	1.3	0.72	46	5.84
32028X2A	153	150	187	201	202	8	11	0.37	1.6	0.89	42	4.94
30628	182	152	217	219	242	4.5	13	0.44	1.4	0.74	56	8.97
30628R	182	152	217	219	242	4.5	13	0.44	1.4	0.74	56	9.2
30228	162	154	219	236	234	9	11	0.44	1.4	0.76	50	8.8
32228	156	154	210	236	240	8	14	0.44	1.4	0.76	61	14.7
32328	177	156	239	287	276	9	22.8	0.37	1.6	0.9	74	35.8
30328	176	155	255	282	275	9	15	0.35	1.7	0.96	56	21.2
31328	162	157	235	282	283	9	30	0.83	0.7	0.4	93	23.4
31328X2A	176	154	228	300	276	4.5	30	0.73	0.8	0.45	91	29.0
32930	161	160	190	202	202	9	7.5	0.33	1.83	1	36	3.83
32930X2A	165	160	191	202	201	9	7.5	0.27	2.2	1.21	33	4.56
32030	161	160	197	216	217	9	13	0.46	1.3	0.72	49	6.40
32030X2	164	162	200	213	216	8	13	0.39	1.5	0.85	46	6.84
32030X2A	164	162	200	213	216	8	13	0.39	1.54	0.85	46	6.84
30230	174	164	234	256	252	9	11	0.44	1.4	0.76	53	11.2
32230	168	164	223	256	256	4.5	17	0.44	1.4	0.76	64	18.4
32330	190	166	261	307	299	4.5	24	0.35	1.7	0.96	77	42.2
30330	190	165	273	302	294	4.5	17	0.35	1.7	0.96	60	25.5
32932X2A	175	170	203	212	213	9	7.5	0.27	2.2	1.23	34	3.79
32032	174	173	211	231	232	8	13	0.46	1.3	0.72	53	7.69
32032X2A-1	175	172	213	228	231	8	13	0.37	1.6	0.89	47	7.67
30232	189	174	252	276	271	9	12	0.44	1.4	0.76	57	13.4
32232	180	174	242	276	276	10	17	0.44	1.4	0.76	70	23.3
31332	199	161	265	340	315	4.5	34	0.76	0.8	0.43	100	29.9
32332	199	176	274	327	314	4.5	26	0.35	1.7	0.96	81	51.7
32934X3	175	171	203	211	212	9	7.5	0.47	1.3	0.72	53	2.33