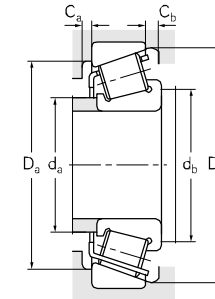
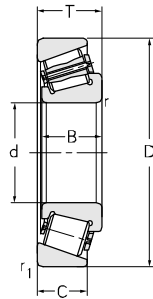
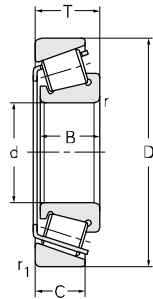


Single-row Tapered Roller Bearing(Metric)

d 105~110 mm



Principal dimensions					Basic load ratings				Limit speed ratings			
d	D	T	B	C	r <sub>radial</sub>	r <sub>axial</sub>	r <sub>1radial</sub>	r <sub>1axial</sub>	C <sub>R</sub>	C <sub>OR</sub>	Grease	Oil
mm											kN	r/min
<b>105</b>	160	35	35	26	2.5	2.5	2	2	199	320	1900	2800
	160	35	35	26	2.5	2.5	2	2	206	340	1900	2800
	160	35.4	33	28	2.5	2.5	2	2	199	320	1900	2800
	160	43	43	34	2.5	2.5	2	2	266	405	1900	2800
	160	43	43	34	5	5	2	2	266	405	1900	2800
	160	43	43	34	8	8	2	2	266	405	1900	2800
	160	43	43	34	8	8	2	2	254	430	1900	2800
	170	56	56	44	3	3	2.5	2.5	375	605	1700	2200
	170	38	38	29	2.5	2.5	2	2	246	405	1700	2200
	190	39	36	30	3	3	2.5	2.5	292	365	1800	2600
190	68	68	52	3	3	2.5	2.5	475	730	1800	2600	
190	53	50	43	3	3	2.5	2.5	375	605	1800	2600	
215	78	73	60	3	3	3	3	550	755	1900	2800	
225	53.5	49	41	4	4	3	3	430	530	1600	2200	
225	81.5	77	63	4	4	3	3	660	915	1500	2000	
<b>106</b>	160	35	35	26	6.4	6.4	2	2	206	340	1900	2800
	160	35	35	26	6.4	6.4	2	2	206	340	1900	2800
	160	35	35	26	8.5	8.5	3	3	200	324	1900	2800
<b>110</b>	150	25.4	24	20	1.5	1.5	1.5	1.5	120	224	2000	3000
	170	47	47	37	2.5	2.5	2	2	300	465	1800	2600
	170	47	47	37	2.5	2.5	2	2	305	545	1800	2600
	170	52	52	42	2.5	2.5	2	2	310	570	1800	2600
	170	38	38	29	2.5	2.5	2	2	228	365	1800	2600
	170	38.4	36	31	2.5	2.5	2	2	198	297	1800	2600
	170	38	38	29	2.3	2.3	2.3	2.3	228	365	1800	2600
	170	38	38	29	2.5	2.5	2	2	228	365	1800	2600
	180	56	56	43	2.5	2.5	2	2	364	630	1800	2600
	190	49	49	39	3	3	3	3	360	560	1800	2600
	200	56	53	46	3	3	2.5	2.5	465	695	1700	2400
	200	56	53	46	3	3	2.5	2.5	415	600	1400	1900
	200	41	38	32	3	3	2.5	2.5	320	430	1700	2400

Designations	Abutment and fillet dimensions						Calculation coefficient			Weight		
	da <sub>max</sub>	db <sub>min</sub>	Da <sub>min</sub>	Da <sub>max</sub>	Db <sub>min</sub>	Ca <sub>min</sub>	Cb <sub>min</sub>	e	Y		Y0	a
mm												kg
<b>32021</b>	116	116	143	150	154	6	9	0.44	1.35	0.8	34	2.38
<b>32021-HD</b>	116	116	143	150	154	6	9	0.44	1.35	0.74	34	2.38
<b>32021X2A</b>	116	116	143	150	154	6	9	0.36	1.69	0.93	32	2.5
<b>33021</b>	117	115	141	152	154	4.5	9	0.28	2.1	1.17	31	2.98
<b>33021/YA6</b>	117	121	141	152	154	7	9	0.28	2.1	1.17	31	2.98
<b>33021/YA6-1</b>	117	125	141	152	154	7	9	0.28	2.1	1.17	31	2.98
<b>33021/YA6-1-HD</b>	117	125	141	152	154	7	9	0.28	2.1	1.17	31	2.92
<b>30621</b>	125	122	148	162	164	4.5	9	0.43	1.4	0.77	37	4.71
<b>32021X3</b>	125	122	148	162	164	4.5	9	0.43	1.4	0.77	37	3.36
<b>30221</b>	125	117	162	181	177	6	9	0.42	1.4	0.79	39	4.47
<b>33221</b>	129	117	165	194	188	4.5	18	0.35	1.9	1.05	49	8.02
<b>32221</b>	120	117	161	178	180	6	10	0.43	1.4	0.8	44	6.26
<b>32321X3</b>	129	117	175	204	198	4.5	18	0.31	1.9	1.05	49	12.3
<b>30321</b>	133	119	193	211	208	7	13	0.35	1.7	0.96	43	9.38
<b>32321</b>	128	119	185	211	210	8	19	0.35	1.7	0.96	54	15.0
<b>320/106/P6X</b>	116	116	143	150	154	6	9	0.44	1.35	0.8	34	2.32
<b>320/106/P6XYA6</b>	116	116	143	150	154	6	9	0.44	1.35	0.8	34	2.35
<b>320/106/YAB</b>	116	116	143	150	154	6	9	0.44	1.35	0.74	35	2.38
<b>32922X2A</b>	120	118	138	143	145	7	5.4	0.28	2.1	1.117	23	1.18
<b>33022</b>	123	120	148	162	162	4.5	10	0.29	2.1	1.15	33	3.75
<b>33022/P6XYA8</b>	123	120	148	162	162	4.5	10	0.29	2.1	1.15	33	3.85
<b>33022X2</b>	123	120	148	162	162	4.5	10	0.29	2.1	1.15	33	4.27
<b>32022</b>	123	121	152	160	163	7	9	0.43	1.4	0.8	36	3.03
<b>32022X2A</b>	122	120	152	160	163	7	9	0.35	1.7	0.95	33	3.10
<b>32022/YA6</b>	123	121	152	160	163	7	9	0.43	1.4	0.8	36	3.08
<b>32022/YA8</b>	123	120	148	162	164	4.5	9	0.43	1.4	0.77	37	3.11
<b>33122</b>	121	121	155	170	174	9	13	0.43	1.4	0.8	44	5.50
<b>33022X3A/HA</b>	125	120	151	172	175	7	13	0.42	1.4	0.79	44	5.87
<b>32222</b>	124	122	170	188	192	6	10	0.42	1.4	0.79	48	7.62
<b>32222/YA8</b>	129	122	167	191	190	4.5	10	0.42	1.4	0.79	48	7.58
<b>30222</b>	132	122	171	191	187	6	9	0.42	1.4	0.79	41	5.27