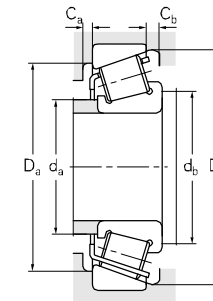
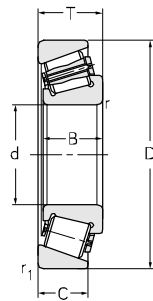
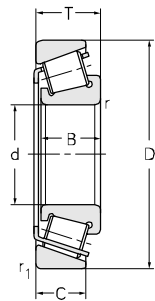


Single-row Tapered Roller Bearing(Metric)

d 50-55 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
											r/min	
<b>50</b>	82	21.5	21.5	17	3	3	0.5	0.5	81.6	100	3200	4300
	83	20.5	20.5	15.5	4	4	1	1	66	91	4500	6000
	83	20.5	20.5	15.5	4	4	1	1	66	91	4500	6000
	85	26	26	20	1.5	1.5	1.5	1.5	98.7	122	4400	5500
	90	32	32	24.5	1.5	1.5	1.5	1.5	119	160	3800	5000
	90	21.75	20	17	1.5	1.5	1.5	1.5	84.9	91.5	4300	5600
	90	23.75	20	19	1.5	1.5	1.5	1.5	79.5	96.5	4200	5500
	90	24.75	23	19	1.5	1.5	1.5	1.5	94	100	4300	5600
	90	25	23	19	1.3	1.3	1.3	1.3	62	77	4300	5600
	110	29.25	27	23	2.5	2.5	2	2	141	140	3600	4800
110	29.25	27	23	2.5	2.5	2.5	2.5	141	140	3600	4800	
110	29.25	27	19	2.5	2.5	2	2	110	124	3200	4300	
110	42.25	40	33	2.5	2.5	2	2	173	214	3600	4800	
110	42.25	40	33	2.3	2.3	2.3	2.3	173	214	3600	4800	
<b>50.8</b>	100	35	35	29	2	2	2	2	119	171	3900	4900
<b>55</b>	90	27	27	21	1.5	1.5	1.5	1.5	108	147	4000	5300
	90	23	23	17.5	1.5	1.5	1.5	1.5	92.4	116	4000	5300
	95	30	30	23	2	2.5	2	2.5	110	163	4000	5300
	95	30	30	23	1.5	1.5	1.5	1.5	100	163	3800	5000
	100	26.75	25	21	2	2	1.5	1.5	108	133	3800	5000
	100	26.75	25	21	2	2	1.5	1.5	98	133	3800	5000
	100	35	35	27	2	2	1.5	1.5	136	190	3400	4500
	100	35	35	27	2	2	1.5	1.5	136	190	3400	4500
	100	32	31	24.5	2	2	2	2	142	174	3400	4500
	100	22.75	21	18	2	2	1.5	1.5	102.8	106	3800	5000
100	22.75	21	18	2	2	1.5	1.5	102.8	106	4000	5300	
100	26.75	25	21	6	6	1.5	1.5	108	133	3800	5000	
120	31.5	29	25	2.5	2.5	2	2	165	163	3200	4300	
120	31.5	29	25	2.5	2.5	2	2	165	163	3200	4300	

Designations	Abutment and fillet dimensions						Calculation coefficient				Weight kg	
	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												
<b>30610</b>	57	62	72	82	79	3	4.5	0.31	2	1.08	16	0.331
<b>32010X3A/HAP5</b>	57	64	73	79	80	4	5	0.36	1.7	0.92	17	0.430
<b>32010X3A-SG</b>	57	64	73	79	80	4	5	0.36	1.7	0.92	17	0.43
<b>33110</b>	56	55	72	80	82	4	6	0.41	1.46	0.8	20	0.581
<b>33210</b>	57	58	75	83	88	3	7.5	0.41	1.5	0.8	23	1.17
<b>30210</b>	58	57	79	83	86	3	5	0.42	1.4	0.79	20	0.55
<b>30210X2-HQ</b>	57	57	78	83	86	3	5.8	0.42	1.4	0.79	21	0.576
<b>32210</b>	58	57	78	83	85	3	5.5	0.43	1.4	0.8	21	0.640
<b>32210A</b>	60	59	76	90	86	3	6	0.42	1.4	0.78	21	0.612
<b>30310-1</b>	65	60	95	100	103	4	6	0.35	1.74	0.96	23	1.26
<b>30310</b>	65	60	95	100	103	4	6	0.35	1.7	0.96	23	1.26
<b>31310</b>	63	10	86	102	104	3	10	0.83	0.7	0.4	35	1.25
<b>32310</b>	61	60	90	100	102	5	9.5	0.35	1.7	0.96	27	1.26
<b>32310/YA6</b>	64	51	89	110	103	4	9.3	0.35	1.7	0.96	27	1.97
<b>306/50.8</b>	61	57	84	94	95	4	6	0.3	2	1.1	23	1.27
<b>33011</b>	62	65	78	83	87	4.5	5.5	0.31	1.92	1.06	19	0.839
<b>32011</b>	64	63	79	83	88	4.5	5.5	0.41	1.5	0.81	20	0.564
<b>33111</b>	64	63	81	88	92	3	7	0.37	1.6	0.88	22	0.881
<b>33111/HA</b>	64	63	81	88	92	3	7	0.37	1.6	0.88	22	0.881
<b>32211</b>	62	64	87	91	95	4	5.7	0.4	1.5	0.81	22	0.878
<b>32211/HAP6X</b>	62	64	87	91	95	4	5.7	0.4	1.5	0.81	22	0.878
<b>33211</b>	63	64	85	93	96	6	8	0.4	1.5	0.8	25	1.17
<b>33211/HAP6X</b>	63	64	85	93	96	6	8	0.4	1.5	0.8	25	1.17
<b>33211X2A</b>	64	64	85	92	97	4.5	7.5	0.4	1.5	0.81	24	1.01
<b>30211</b>	64	64	88	91	95	4	5	0.4	1.5	0.81	21	0.713
<b>30211/YA</b>	65	64	87	93	95	3	4.8	0.4	1.5	0.81	21	0.689
<b>32211/YA6</b>	65	74	85	93	95	3	5.8	0.4	1.5	0.81	22	0.875
<b>30311</b>	70	65	104	110	112	4	6.5	0.35	1.7	0.96	25	1.65
<b>30311R</b>	70	65	104	110	112	4	6.5	0.35	1.7	0.96	25	1.71