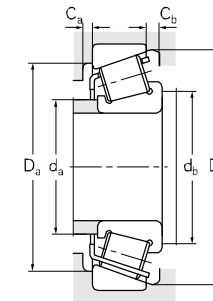
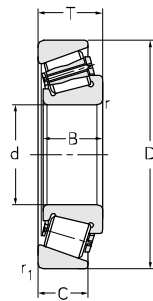
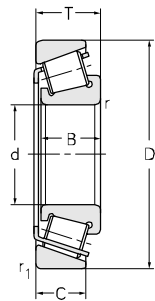


Single-row Tapered Roller Bearing(Metric)

d 20-30 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
mm												
									kN		r/min	
20	42	15	15	12	0.6	0.6	0.6	0.6	26.3	29.9	9500	12000
	47	19.25	18	15	1	1	1	1	27.5	31	7500	10000
	47	15	14	12	1	1	1	1	30.5	29.7	8000	11000
	47	15.25	14	12	1	1	1	1	30	31	8000	11000
	52	16.25	15	13	1.5	1.5	1.5	1.5	38.2	32.5	8000	11000
	52	22.25	21	18	1.5	1.5	1.5	1.5	50	45	7500	10000
25	47	15	15	11.5	0.6	0.6	0.6	0.6	29.3	36	7500	9500
	47	17	17	14	0.6	0.6	0.6	0.6	32.5	42.5	7500	9500
	52	22	22	18	1	1	1	1	52.9	56	7500	9500
	52	22	22	18	1	1	1	1	52.9	56	7500	9500
	52	19.25	18	16	1	1	1	1	40.5	46	7000	9500
	52	16.25	15	13	1	1	1	1	34.8	33.5	7500	9500
	52	16.25	15	13	1	1	1	1	34.8	33.5	7500	9500
	52	16.25	15	13	1	1	1	1	34.8	33.5	7500	9500
	62	18.25	17	13	1.5	1.5	1.5	1.5	48	47	9000	13000
	62	18.25	17	15	1.5	1.5	1.5	1.5	48	46.5	9000	13000
	62	18.25	17	13	1.5	1.5	1.5	1.5	42.5	46	5600	7500
	62	25.25	24	20	1.5	1.5	1.5	1.5	67	72.5	9000	13000
28	52	16	16	12	1	1	1	1	35.5	39.2	7100	8900
30	55	17	17	13	1	1	1	1	36	47	6700	9000
	62	21.25	20	17	1	1	1	1	57.3	65	6300	8500
	62	21.25	20	17	1	1	1	1	57	59.5	6300	8500
	62	25	25	19.5	1	1	1	1	70.5	75	5600	7500
	72	28.75	27	23	1.5	1.5	1.5	1.5	86.2	84	5300	7000
72	20.75	19	16	1.5	1.5	1.5	1.5	62.7	62.5	5600	7500	
72	20.75	19	16	1.5	1.5	1.5	1.5	62.7	62.5	5600	7500	
72	20.75	19	14	1.5	1.5	1.5	1.5	54	59.5	5600	7500	
72	20.75	20	14	1.5	1.5	1.5	1.5	54.5	59.5	5000	6700	

Designations	Abutment and fillet dimensions						Calculation coefficient				Weight	
	da _{max}	db _{min}	Da _{min}	Da _{max}	Db _{min}	Ca _{min}	Cb _{min}	e	Y	Y0		a
mm												
												kg
32004-DW	28	28	44	45	48	3	3.3	0.37	1.6	0.88	10	0.0987
32204	26	24	38	43	44	2	4.3	0.33	1.8	1	12	0.158
30204X2/P6XYB5	28	24	40	43	44	2.5	3	0.35	1.7	0.96	11	0.123
30204/YA8	28	24	40	43	45	2.5	3.3	0.35	1.7	0.96	11	0.124
30304	28	28	44	45	48	3	3.3	0.3	2	1.1	11	0.167
32304	26	27	43	45	48	3	4.5	0.3	2	1.1	13	0.238
32005-DW	34	32	47	55	59	3	5	0.43	1.39	0.77	11	0.11
33005	31	28	40	44	45	2	3	0.29	2.1	1.14	11	0.129
33205	30	29	42	48	50	2	4	0.35	1.7	0.94	14	0.216
33205-DW	30	29	42	48	50	2	4	0.35	1.7	0.94	14	0.216
32205	31	31	44	48	50	2	3.3	0.36	1.7	0.92	13	0.199
30205	31	31	44	46	49	2	3.3	0.37	1.6	0.88	12	0.16
30205/P6X	31	31	44	46	49	2	3.3	0.37	1.6	0.88	12	0.16
30205/YA8	32	29	43	48	49	2	3.3	0.37	1.6	0.88	12	0.166
30305	35	32	54	55	58	3	5.3	0.3	2	1.1	12	0.25
30305X2	35	33	53	55	58	2	3.3	0.3	2	1.1	13	0.267
31305	34	32	47	55	59	3	5	0.83	0.72	0.4	20	0.263
32305-DW	31	31	44	48	50	2	3.3	0.3	2	1.1	16	0.422
320/28	33	32	44	48	51	2	4	0.43	1.4	0.77	13	0.145
32006/P6XYB5	35	36	48	49	52	3	4	0.43	1.4	0.8	13	0.171
32206	36	36	52	56	58	2	4.3	0.37	1.6	0.88	15	0.356
32206-DZ	36	36	52	56	58	2	4.3	0.37	1.6	0.88	15	0.356
33206	37	34	51	58	60	2	5.5	0.34	1.8	0.97	16	0.343
32306	38	37	59	65	66	2	6	0.31	1.9	1.05	18	0.554
30306/HA	40	37	62	65	66	4	6	0.31	1.9	1.05	15	0.397
30306/HAP6X	40	37	62	65	66	4	6	0.31	1.9	1.05	15	0.397
31306	38	38	55	65	67	2	6.8	0.83	0.7	0.4	34	0.489
31306WB1	38	38	55	65	67	2	6.8	0.83	0.7	0.4	34	0.489