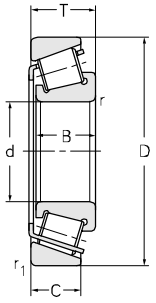
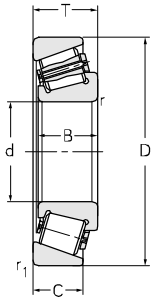
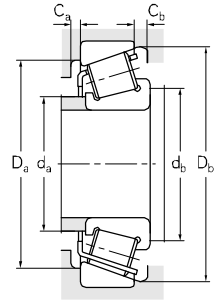
Single-row Tapered Roller Bearing(Metric)

ZWZ

d 55~65 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	
55	120	31.5	29	21	2.5	2.5	2	2	155	166	2800	3800
	120	31.5	29	21	2.5	2.5	2	2	141	166	2800	3800
	120	31.5	29	21	2.5	2.5	2	2	135	139	2800	3800
	120	31.5	29	21	2.5	2.5	2	2	138	162	2800	3800
	120	45.5	43	35	2.5	2.5	2	2	248	280	3000	4000
	120	45.5	43	35	2.5	2.5	2	2	240	283	3000	4000
	120	45.5	44	35	2.5	2.5	2	2	252	286	3000	4000
	120	45.5	43	35	7	7	2	2	248	280	3000	4000
	120	31.5	29	25	2.5	2.5	2	2	165	163	3200	4300
	125	37	36	25	3	3	2	2	148	172	2800	3800
	130	36.25	33	22	3	3	2	2	165	175	3200	4000
60	85	17	17	14	1	1	1	1	40	65	3900	5100
	85	17	17	14	1	1	1	1	40	65	3900	5100
	85	17	16	14	1	1	1	1	42.5	67.5	3900	5100
	95	27	27	21	1.5	1.5	1.5	1.5	104	143	3800	5000
	95	23	23	17.5	2	2.5	2	2.5	93.5	122	3800	5000
	95	27	27	21	1.5	1.5	1.5	1.5	104	143	3800	5000
	110	23.75	22	19	2	2	1.5	1.5	111	114	3400	4500
	110	29.75	28	24	2	2	1.5	1.5	133	170	3400	4500
	110	29.75	28	24	2	2	1.5	1.5	133	170	3400	4500
	110	29.75	28	24	2.5	2.5	2.5	2.5	133	170	3400	4500
	110	38	38	29	2	2	1.5	1.5	168	235	3000	4000
	115	40	39	33	4	4	3	3	193	204	3200	4300
	130	33.5	31	26	3	3	2.5	2.5	163	185	3000	4000
	130	48.5	46	37	3	3	2.5	2.5	229	289	2600	3600
	130	33.5	31	22	3	3	2.5	2.5	138	155	2600	3600
	140	42	41	28	3	3	2.5	2.5	187	225	2600	3600
	150	51	51	38	4	4	3	3	260	370	2800	3500
65	100	23	23	17.5	1.5	1.5	1.5	1.5	94.8	127	3400	4500
	100	23	23	17.5	1.5	1.5	1.5	1.5	94.8	127	3400	4500

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
31311	68	65	92	112	112	3	11	0.83	0.7	0.4	38	1.78
31311-SG		65	92	112	112	3	11	0.83	0.7	0.4	38	1.78
31311/YA8	68	65	92	112	112	3	11	0.83	0.7	0.4	38	1.71
31311/YB4	68	65	92	112	112	3	11	0.83	0.7	0.4	38	1.71
	68											
32311		65	99	110	111	5	11	0.35	1.7	0.96	29	2.43
32311A	66	65	99	110	111	5	11	0.55	1.1	0.6	230	2.51
32311X2A1	66	65	99	112	111	5	10.5	0.35	1.7	0.9	29	2.43
32311/YA6	68	65	99	110	111	5	11	0.35	1.7	0.96	29	2.43
30311X3R	66	65	104	110	112	4	6.5	0.35	1.7	0.96	25	1.84
30611B	70	67	95	117	117	3	12	0.73	0.8	0.45	38	2.1
30611	69	67	95	117	117	3	12	0.83	0.73	0.4	41	2.16
	69											
32912	65	68	76	81	79	4	3	0.38	1.6	0.87	17	0.284
32912/P6-GKN	65	68	76	81	79	4	3	0.38	1.6	0.87	17	0.285
32912X2A	65	68	76	81	79	4	3	0.38	1.6	0.87	17	0.277
33012	67	67	85	88	90	5	6	0.33	1.8	1	20	0.688
32012	68	68	83	88	92	5	5.5	0.4	1.4	0.77	21	0.597
33012-RS	67	67	85	88	90	5	6	0.33	1.8	1	20	0.727
30212	69	69	96	101	103	4	5	0.4	1.5	0.81	23	0.923
32212	69	68	95	101	104	4	5.8	0.4	1.5	0.81	25	1.26
32212/HAP6X	69	68	95	101	104	4	5.8	0.4	1.5	0.81	25	1.26
32212X3R/YA6	69	68	95	101	104	4	5.8	0.4	1.48	0.81	25	1.33
33212	69	68	93	103	105	6	9	0.4	1.5	0.8	27	1.51
33212X3	70	71	98	104	109	6	7	0.33	1.8	1	28	1.81
30312	76	72	112	118	121	3.5	7.5	0.35	1.7	0.96	26	1.96
32312	72	72	107	118	122	6	12	0.35	1.7	0.96	31	2.90
31312	69	72	103	118	124	5	12	0.83	0.7	0.4	41	1.92
31312X3	78	72	106	131	130	5	14	0.73	0.8	0.45	42	3.42
30612	77	71	105	140	142	5	13	0.76	0.79	0.43	49	4.76
32013	72	72	90	93	97	4	5.5	0.46	1.3	0.7	22	0.612
32013/P6X	72	72	90	93	97	4	5.5	0.46	1.3	0.7	22	0.612