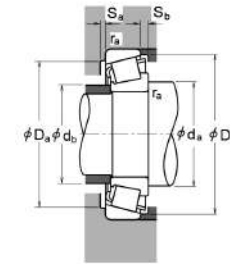
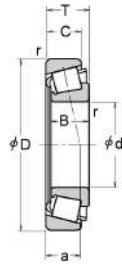




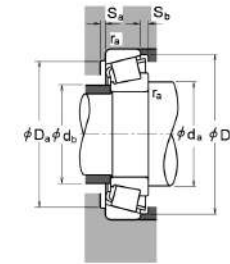
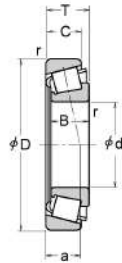
Tapered Roller Bearings:

Tapered Roller Bearings are designed such that their conical rollers and raceways are arranged so that all elements of the roller and raceway cones meet at a common apex on the bearing axis. The inner ring, rollers and cage can be separated as a unit, or the CONE, from the outer ring, or the CUP. These bearings are capable of taking high radial loads and also axial loads in one direction. BMD Precision Bearings manufactures a wide variety of Taper Roller Bearings.

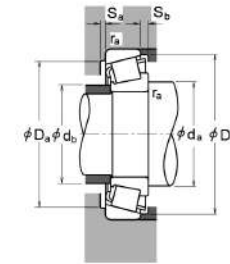
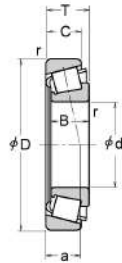
Suffix and Corresponding Description For Tapered Roller Bearings	
Suffix	Description of Suffix
Blank	Contact Angle Less than 17°
C	Contact Angle about 20°
D	Contact Angle about 28°
A	Internal Design Differs from Standard One
J	Smaller Diameter of Outer Ring Raceway, Contact Angle, and Outer Ring Width of Tapered Roller Bearings Conform to ISO 355



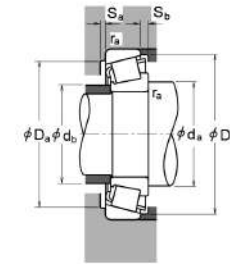
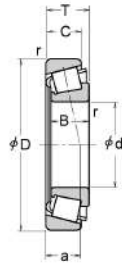
Boundary Dimensions							Basic Load Rating		Limiting Speed		Bearing Designation	Abutment and Fillet Dimensions								Mass Approx	
(mm)							(KN)		(rpm)			(mm)									
d	D	T	B	C	r (min)		C _r	C _{or}	Grease	Oil		d _a	d _b	D _a		D _b	S _a	S _b	r _a (max)		(kg)
					Cone	Cup						(min)	(max)	(max)	(min)	(min)	(min)	(min)	Cone	Cup	
15	35	11.75	11	10	0.6	0.6	14.80	13.20	11000	15000	30202	23	19	30	30	33	2	1.5	0.6	0.6	0.053
15	42	14.25	13	11	1	1	23.60	21.10	9500	13000	30302	24	22	36	36	38.5	2	3	1	1	0.098
17	40	13.25	12	11	1	1	20.10	19.90	9500	13000	30203	26	23	34	34	37.5	2	2	1	1	0.079
17	40	17.25	16	14	1	1	27.10	28.00	9500	13000	32203	26	22	34	34	37	2	3	1	1	0.103
17	47	15.25	14	12	1	1	29.20	26.70	8500	12000	30303	26	24	41	40	43	2	3	1	1	0.134
17	47	15.25	14	10.5	1	1	22.00	20.30	8000	11000	30303 D	29	23	41	34	44	2	4.5	1	1	0.129
17	47	20.25	19	16	1	1	37.50	36.50	8500	11000	32303	28	23	41	39	43	2	4	1	1	0.178
20	42	15	15	12	0.6	0.6	24.60	27.40	9000	12000	32004	28	24	37	35	40	3	3	0.6	0.6	0.097
20	47	15.25	14	12	1	1	27.90	28.50	8000	11000	30204	29	27	41	40	44	2	3	1	1	0.127
20	47	19.25	18	15	1	1	35.50	37.50	8500	11000	32204	29	25	41	38	44.5	3	4	1	1	0.161
20	52	16.25	15	13	1.5	1.5	35.00	33.50	7500	10000	30304	31	27	44	44	47.5	2	3	1.5	1.5	0.172
20	52	16.25	15	12	1.5	1.5	25.30	24.50	7100	10000	30304 D	34	26	43	37	49	2	4	1.5	1.5	0.168
20	52	22.25	21	18	1.5	1.5	45.50	47.50	8000	11000	32304	33	26	43	42	48	3	4	1.5	1.5	0.241
22	44	15	15	11.5	0.6	0.6	25.60	29.40	8500	11000	320/22	30	27	39	37	42	3	3.5	0.6	0.6	0.103
22	50	15.25	14	12	1	1	29.20	30.50	7500	10000	302/22	31	29	44	42	47	2	3	1	1	0.139
22	50	19.25	18	15	1	1	36.50	40.50	7500	11000	322/22	31	28	44	41	47	2	4	1	1	0.18
22	56	17.25	16	14	1.5	1.5	37.00	36.50	7100	9500	303/22	33	30	47	46	50	2	3	1.5	1.5	0.208
25	47	15	15	11.5	0.6	0.6	27.40	33.00	8000	11000	32005	33	30	42	40	45	3	3.5	0.6	0.6	0.116
25	47	17	17	14	0.6	0.6	31.00	38.00	8000	11000	33005	33	29	42	41	44	3	3	0.6	0.6	0.131
25	52	16.25	15	13	1	1	32.00	35.00	7100	10000	30205	34	31	46	44	48.5	2	3	1	1	0.157
25	52	19.25	18	16	1	1	40.00	45.00	7100	10000	32205	34	30	46	44	50	2	3	1	1	0.189
25	52	22	22	18	1	1	47.50	56.50	7500	10000	33205	34	29	46	43	49.5	4	4	1	1	0.221
25	62	18.25	17	15	1.5	1.5	47.50	46.00	6300	8500	30305	36	34	54	54	57	2	3	1.5	1.5	0.27
25	62	18.25	17	13	1.5	1.5	38.00	40.50	5600	8000	30305 D	39	34	53	47	59	2	5	1.5	1.5	0.265
25	62	18.25	17	13	1.5	1.5	38.00	40.50	5600	8000	31305	39	33	53	47	59	3	5	1.5	1.5	0.265
25	62	25.25	24	20	1.5	1.5	62.50	66.00	6300	8500	32305	38	32	53	51	57	3	5	1.5	1.5	0.376
28	52	16	16	12	1	1	32.00	39.00	7100	9500	320/28	37	33	46	44	50	3	4	1	1	0.146
28	58	17.25	16	14	1	1	39.50	41.50	6300	9000	302/28	37	34	52	50	55	2	3	1	1	0.203
28	58	20.25	19	16	1	1	47.50	54.00	6300	9000	322/28	37	34	52	49	55	2	4	1	1	0.243
28	68	19.75	18	15	1.5	1.5	55.00	55.50	6000	8000	303/28	39	37	59	58	61	2	4.5	1.5	1.5	0.341



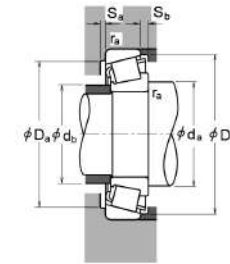
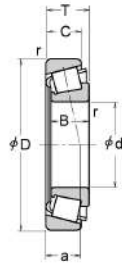
Boundary Dimensions							Basic Load Rating		Limiting Speed		Bearing Designation	Abutment and Fillet Dimensions								Mass Approx	
(mm)							(KN)		(rpm)			(mm)									
d	D	T	B	C	r (min)		C _r	C _{or}	Grease	Oil		d _a	d _b	D _a		D _b	S _a	S _b	r _a (max)		(kg)
					Cone	Cup						(min)	(max)	(max)	(min)	(min)	(min)	(min)	Cone	Cup	
30	47	12	12	9	0.3	0.3	17.60	24.40	7500	10000	32906	34	34	44	42	44	3	3	0.3	0.3	0.074
30	55	17	17	13	1	1	36.00	44.50	6700	9000	32006	39	35	49	47	53	3	4	1	1	0.172
30	55	20	20	16	1	1	42.00	54.00	6700	9000	33006	39	35	49	48	52	3	4	1	1	0.208
30	62	17.25	16	14	1	1	43.00	47.50	6000	8000	30206	39	37	56	52	58	2	3	1	1	0.238
30	62	21.25	20	17	1	1	52.00	60.00	6000	8500	32206	39	36	56	51	58.5	2	4	1	1	0.297
30	62	25	25	19.5	1	1	66.50	79.50	6000	8000	33206	39	35	56	52	59.5	5	5.5	1	1	0.355
30	72	20.75	19	16	1.5	1.5	59.50	60.00	5300	7500	30306	41	40	63	62	66	3	4.5	1.5	1.5	0.403
30	72	20.75	19	14	1.5	1.5	49.00	52.50	4800	6700	30306 D	44	40	63	55	68	3	6.5	1.5	1.5	0.393
30	72	20.75	19	14	1.5	1.5	49.00	52.50	4800	6800	31306	44	40	63	55	68	3	6.5	1.5	1.5	0.393
30	72	28.75	27	23	1.5	1.5	80.00	88.50	5600	7500	32306	43	38	63	59	66	3	5.5	1.5	1.5	0.57
32	58	17	17	13	1	1	37.50	47.00	6300	8500	320/32	41	37	52	49	55	3	4	1	1	0.191
32	58	21	20	16	1	1	41.00	50.00	6300	8500	330/32	41	37	52	50	55	2	4	1	1	0.225
32	65	18.25	17	15	1	1	48.00	54.00	5600	8000	302/32	41	39	59	56	61	3	3	1	1	0.277
32	65	22.25	21	18	1	1	56.00	65.00	6000	8000	322/32	41	38	59	54	61	3	4	1	1	0.336
32	65	26	26	20.5	1	1	70.00	86.50	5600	8000	332/32	41	38	59	55	62	5	5.5	1	1	0.40
32	75	21.75	20	17	1.5	1.5	56.00	56.00	5300	7100	303/32	44	42	66	64	68	3	4.5	1.5	1.5	0.435
35	55	14	14	11.5	0.6	0.6	27.40	39.00	6300	8500	32907	43	40	50	50	52.5	3	2.5	0.6	0.6	0.123
35	62	18	18	14	1	1	43.50	55.50	5600	8000	32007	44	40	56	54	60	4	4	1	1	0.229
35	62	21	21	17	1	1	49.00	65.00	5600	8000	33007	44	40	56	55	59	4	4	1	1	0.267
35	72	18.25	17	15	1.5	1.5	54.00	59.50	5300	7100	30207	46	43	63	62	67	3	3	1.5	1.5	0.34
35	72	24.25	23	19	1.5	1.5	70.50	83.50	5300	7100	32207	46	42	63	61	67.5	3	5	1.5	1.5	0.456
35	72	28	28	22	1.5	1.5	86.50	108.00	5300	7100	33207	46	41	63	61	68	5	6	1.5	1.5	0.54
35	80	22.75	21	18	2	1.5	76.00	79.00	4800	6700	30307	47	45	71	69	74	3	4.5	2	1.5	0.538
35	80	22.75	21	15	2	1.5	62.00	68.00	4300	6000	30307 D	51	44	71	62	77	3	7.5	2	1.5	0.519
35	80	22.75	21	15	2	1.5	62.00	68.00	4300	6000	31307	51	44	71	62	77	3	7.5	2	1.5	0.52
35	80	32.75	31	25	2	1.5	99.00	111.00	5000	6700	32307	49	43	71	66	74	3	7.5	2	1.5	0.765
40	62	15	15	12	0.6	0.6	34.00	47.00	5600	7500	32908	48	44	57	57	59	3	3	0.6	0.6	0.161
40	68	19	19	14.5	1	1	53.00	71.00	5300	7100	32008	49	45	62	60	65.5	4	4.5	1	1	0.28
40	68	22	22	18	1	1	59.00	81.50	5300	7100	33008	49	45	62	61	65	4	4	1	1	0.322
40	75	26	26	20.5	1.5	1.5	78.50	101.00	4800	6700	33108	51	46	66	65	71	4	5.5	1.5	1.5	0.503



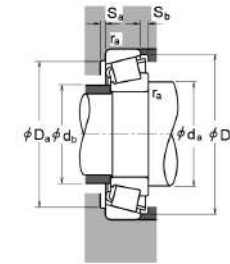
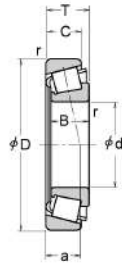
Boundary Dimensions							Basic Load Rating		Limiting Speed		Bearing Designation	Abutment and Fillet Dimensions								Mass Approx	
(mm)							(KN)		(rpm)			(mm)									
d	D	T	B	C	r (min)		C _r	C _{or}	Grease	Oil		d _a	d _b	D _a		D _b	S _a	S _b	r _a (max)		(kg)
					Cone	Cup						(min)	(max)	(max)	(min)	(min)	(min)	(min)	Cone	Cup	
40	80	19.75	18	16	1.5	1.5	63.50	70.00	4800	6300	30208	51	48	71	69	75	3	3.5	1.5	1.5	0.437
40	80	24.75	23	19	1.5	1.5	77.00	90.50	4800	6300	32208	51	48	71	68	75	3	5.5	1.5	1.5	0.548
40	80	32	32	25	1.5	1.5	107.00	137.00	4800	6300	33208	51	46	71	67	76	5	7	1.5	1.5	0.744
40	90	25.25	23	20	2	1.5	90.50	101.00	4300	5600	30308	52	52	81	76	82	3	5	2	1.5	0.758
40	90	25.25	23	17	2	1.5	80.00	89.50	3800	5300	30308 D	56	50	81	70	87	3	8	2	1.5	0.728
40	90	25.25	23	17	2	1.5	80.00	89.50	3800	5300	31308	56	50	81	70	87	3	8	2	1.5	0.728
40	90	35.25	33	27	2	1.5	120.00	145.00	4300	6000	32308	54	50	81	73	82	3	8	2	1.5	1.05
45	68	15	15	12	0.6	0.6	34.50	50.50	5000	6700	32909	53	50	63	62	64	3	3	0.6	0.6	0.187
45	75	20	20	15.5	1	1	60.00	83.00	4500	6300	32009	54	51	69	67	72	4	4.5	1	1	0.354
45	75	24	24	19	1	1	69.00	99.00	4800	6300	33009	54	51	69	67	71	4	5	1	1	0.414
45	80	26	26	20.5	1.5	1.5	84.00	113.00	4500	6000	33109	56	51	71	69	77	4	5.5	1.5	1.5	0.552
45	85	20.75	19	16	1.5	1.5	68.50	79.50	4300	6000	30209	56	53	76	74	80	3	4.5	1.5	1.5	0.488
45	85	24.75	23	19	1.5	1.5	83.00	102.00	4300	6000	32209	56	53	76	73	81	3	5.5	1.5	1.5	0.602
45	85	32	32	25	1.5	1.5	111.00	147.00	4300	6000	33209	56	51	76	72	81	5	7	1.5	1.5	0.817
45	95	29	26.5	20	2.5	2.5	88.00	109.00	3800	5000	T 7 FC045	60	53	83	71	91	3	9	2	2	0.918
45	95	36	35	30	2.5	2.5	139.00	174.00	4000	5300	T 2 ED045	60	54	83	79	89	5	6	2	2	1.22
45	100	27.25	25	22	2	1.5	112.00	127.00	3800	5300	30309	57	58	91	86	93	3	5	2	1.5	1.01
45	100	27.25	25	18	2	1.5	95.50	109.00	3400	4800	30309 D	61	57	91	79	96	3	9	2	1.5	0.957
45	100	27.25	25	18	2	1.5	95.50	109.00	3400	4800	31309	61	57	91	79	96	3	9	2	1.5	0.947
45	100	38.25	36	30	2	1.5	144.00	177.00	3800	5300	32309	59	56	91	82	93	3	8	2	1.5	1.42
50	100	36	35	30	2.5	2.5	144.00	185.00	3800	5000	T 2 ED050	65	59	88	83	94	6	6	2	2	1.3
50	72	15	15	12	0.6	0.6	36.00	54.00	4500	6300	32910	58	54	67	66	69	3	3	0.6	0.6	0.193
50	80	20	20	15.5	1	1	61.00	87.00	4300	6000	32010	59	56	74	71	77	4	4.5	1	1	0.38
50	80	24	24	19	1	1	70.50	104.00	4300	6000	33010	59	55	74	71	76	4	5	1	1	0.452
50	85	26	26	20	1.5	1.5	89.00	126.00	4300	5600	33110	61	56	76	74	82	4	6	1.5	1.5	0.597
50	90	21.75	20	17	1.5	1.5	76.00	91.50	4000	5300	30210	61	58	81	79	85	3	4.5	1.5	1.5	0.557
50	90	24.75	23	19	1.5	1.5	87.50	109.00	4000	5300	32210	61	57	81	78	86	3	5.5	1.5	1.5	0.642
50	90	32	32	24.5	1.5	1.5	118.00	165.00	4000	5300	33210	61	56	81	76	87	5	7.5	1.5	1.5	0.867
50	105	32	29	22	3	3	109.00	133.00	3200	4500	T 7 FC050	74	59	91	78	100	5	10	2.5	2.5	1.22
50	110	29.25	27	23	2.5	2	130.00	148.00	3400	4800	30310	65	65	100	95	102	3	6	2	2	1.28



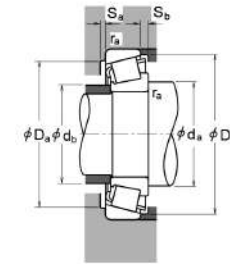
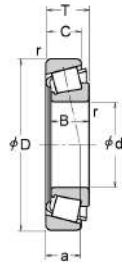
Boundary Dimensions							Basic Load Rating		Limiting Speed		Bearing Designation	Abutment and Fillet Dimensions								Mass Approx	
(mm)							(KN)		(rpm)			(mm)									
d	D	T	B	C	r (min)		C _r	C _{or}	Grease	Oil		d _a	d _b	D _a		D _b	S _a	S _b	r _a (max)		(kg)
					Cone	Cup								(max)	(min)				(min)	(min)	
50	110	29.25	27	19	2.5	2	114.00	132.00	3200	4300	30310 D	70	62	100	87	105	3	10	2	2	1.26
50	110	29.25	27	19	2.5	2	114.00	132.00	3200	4300	31310	70	62	100	87	105	3	10	2	2	1.26
50	110	42.25	40	33	2.5	2	176.00	220.00	3600	4800	32310	68	62	100	91	102	3	9	2	2	1.88
55	80	17	17	14	1	1	45.50	74.50	4300	5600	32911	64	60	74	73	76	4	3	1	1	0.282
55	90	23	23	17.5	1.5	1.5	81.50	117.00	3800	5300	32011	66	62	81	80	86	4	5.5	1.5	1.5	0.568
55	90	27	27	21	1.5	1.5	91.50	138.00	3800	5300	33011	66	62	81	80	86	5	6	1.5	1.5	0.657
55	95	30	30	23	1.5	1.5	112.00	158.00	3800	5000	33111	66	62	86	82	91	5	7	1.5	1.5	0.877
55	100	22.75	21	18	2	1.5	94.50	113.00	3600	5000	30211	67	64	91	89	94	4	4.5	2	1.5	0.736
55	100	26.75	25	21	2	1.5	110.00	137.00	3600	5000	32211	67	63	91	87	95	4	5.5	2	1.5	0.859
55	100	35	35	27	2	1.5	141.00	193.00	3600	5000	33211	67	62	91	86	96	6	8	2	1.5	1.18
55	115	34	31	23.5	3	3	126.00	164.00	3000	4300	T 7 FC055	73	66	101	86	109	4	10.5	2.5	2.5	1.58
55	120	31.5	29	25	2.5	2	150.00	171.00	3200	4300	30311	70	71	110	104	111	4	6.5	2	2	1.63
55	120	31.5	29	21	2.5	2	131.00	153.00	2800	4000	30311 D	75	67	110	94	114	4	10.5	2	2	1.58
55	120	31.5	29	21	2.5	2	131.00	153.00	2800	4000	31311	75	67	110	94	114	4	10.5	2	2	1.58
55	120	45.5	43	35	2.5	2	204.00	258.00	3200	4300	32311	73	67	110	99	111	4	10.5	2	2	2.39
60	85	17	17	14	1	1	49.00	84.50	3800	5300	32912	69	65	79	78	81	4	3	1	1	0.306
60	95	23	23	17.5	1.5	1.5	85.50	127.00	3600	5000	32012	71	66	86	85	91	4	5.5	1.5	1.5	0.608
60	95	27	27	21	1.5	1.5	96.00	150.00	3600	5000	33012	71	66	86	85	90	5	6	1.5	1.5	0.713
60	100	30	30	23	1.5	1.5	115.00	166.00	3400	4800	33112	71	68	91	88	96	5	7	1.5	1.5	0.91
60	110	23.75	22	19	2	1.5	104.00	123.00	3400	4500	30212	72	69	101	96	103	4	4.5	2	1.5	0.930
60	110	29.75	28	24	2	1.5	131.00	167.00	3400	4500	32212	72	68	101	95	104	4	5.5	2	1.5	1.18
60	110	38	38	29	2	1.5	166.00	231.00	3400	4500	33212	72	68	101	94	105	6	9	2	1.5	1.56
60	125	37	33.5	26	3	3	151.00	197.00	2800	3800	T 7 FC060	78	72	111	94	119	4	11	2.5	2.5	2.03
60	130	33.5	31	26	3	2.5	174.00	201.00	3000	4000	30312	78	77	118	112	120	4	7.5	2.5	2	2.03
60	130	33.5	31	22	3	2.5	151.00	177.00	2600	3800	30312 D	84	74	118	103	125	4	11.5	2.5	2	1.98
60	130	33.5	31	22	3	2.5	151.00	177.00	2600	3800	31312	84	74	118	103	125	4	11.5	2.5	2	1.98
60	130	48.5	46	37	3	2.5	233.00	295.00	3000	4000	32312	81	74	118	107	120	4	11.5	2.5	2	2.96
65	90	17	17	14	1	1	49.00	86.50	3600	5000	32913	74	70	84	82	86	4	3	1	1	0.323
65	100	23	23	17.5	1.5	1.5	86.50	132.00	3400	4500	32013	76	71	91	90	97	4	5.5	1.5	1.5	0.646
65	100	27	27	21	1.5	1.5	97.50	156.00	3400	4500	33013	76	71	91	90	96	5	6	1.5	1.5	0.76



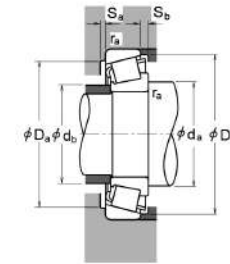
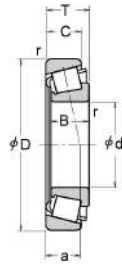
Boundary Dimensions							Basic Load Rating		Limiting Speed		Bearing Designation	Abutment and Fillet Dimensions								Mass Approx (kg)	
(mm)							(KN)		(rpm)			(mm)									
d	D	T	B	C	r (min)		C _r	C _{or}	Grease	Oil		d _a	d _b	D _a		D _b	S _a	S _b	r _a (max)		
					Cone	Cup								(max)	(min)				(min)		(min)
65	110	34	34	26.5	1.5	1.5	148.00	218.00	3200	4300	33113	76	73	101	96	106	6	7.5	1.5	1.5	1.32
65	120	24.75	23	20	2	1.5	122.00	151.00	3000	4000	30213	77	78	111	106	113	4	4.5	2	1.5	1.18
65	120	32.75	31	27	2	1.5	157.00	202.00	3000	4000	32213	77	75	111	104	115	4	5.5	2	1.5	1.55
65	120	41	41	32	2	1.5	202.00	282.00	3000	4000	33213	77	74	111	102	115	6	9	2	1.5	2.04
65	140	36	33	28	3	2.5	200.00	233.00	2600	3600	30313	83	83	128	121	130	4	8	2.5	2	2.51
65	140	36	33	23	3	2.5	173.00	205.00	2400	3400	30313 D	89	80	128	111	133	4	13	2.5	2	2.43
65	140	36	33	23	3	2.5	173.00	205.00	2400	3400	31313	89	80	128	111	133	4	13	2.5	2	2.43
65	140	51	48	39	3	2.5	267.00	340.00	2800	3800	32313	86	80	128	116	130	4	12	2.5	2	3.6
70	100	20	20	16	1	1	70.00	113.00	3200	4500	32914	79	76	94	93	96	4	4	1	1	0.494
70	110	25	25	19	1.5	1.5	104.00	158.00	3200	4300	32014	81	77	101	98	105	5	6	1.5	1.5	0.869
70	110	31	31	25.5	1.5	1.5	127.00	204.00	3000	4300	33014	81	78	101	100	105	5	5.5	1.5	1.5	1.11
70	120	37	37	29	2	1.5	177.00	262.00	3000	4000	33114	82	79	111	104	115	6	8	2	1.5	1.71
70	125	26.25	24	21	2	1.5	132.00	163.00	2800	4000	30214	82	81	116	110	118	4	5	2	1.5	1.3
70	125	33.25	31	27	2	1.5	157.00	205.00	2800	4000	32214	82	80	116	108	119	4	6	2	1.5	1.66
70	125	41	41	32	2	1.5	209.00	299.00	2800	4000	33214	82	78	116	107	120	7	9	2	1.5	2.15
70	140	39	35.5	27	3	3	177.00	229.00	2400	3400	T 7 FC070	88	79	126	106	133	5	12	2.5	2.5	2.55
70	150	38	35	30	3	2.5	227.00	268.00	2400	3400	30314	88	89	138	132	140	4	8	2.5	2	3.03
70	150	38	35	25	3	2.5	192.00	229.00	2200	3200	30314 D	94	85	138	118	142	4	13	2.5	2	2.94
70	150	38	35	25	3	2.5	192.00	229.00	2200	3200	31314	94	85	138	118	142	4	13	2.5	2	2.94
70	150	54	51	42	3	2.5	300.00	390.00	2600	3400	32314	91	86	138	124	140	4	12	2.5	2	4.35
75	105	20	20	16	1	1	72.50	120.00	3200	4300	32915	84	81	99	98	101	4	4	1	1	0.53
75	115	25	25	19	1.5	1.5	109.00	171.00	3000	4000	32015	86	82	106	103	110	5	6	1.5	1.5	0.925
75	115	31	31	25.5	1.5	1.5	133.00	220.00	3000	4000	33015	86	83	106	104	110	6	5.5	1.5	1.5	1.18
75	125	37	37	29	2	2	182.00	275.00	2800	3800	33115	87	83	115	109	120	6	8	2	2	1.8
75	130	27.25	25	22	2	1.5	143.00	182.00	2800	3800	30215	87	85	121	115	124	4	5	2	1.5	1.43
75	130	33.25	31	27	2	1.5	165.00	219.00	2800	3800	32215	87	84	121	113	125	4	6	2	1.5	1.72
75	130	41	41	31	2	1.5	215.00	315.00	2800	3800	33215	87	83	121	111	125	7	10	2	1.5	2.25
75	160	40	37	31	3	2.5	253.00	300.00	2400	3200	30315	93	95	148	141	149	4	9	2.5	2	3.63
75	160	40	37	26	3	2.5	211.00	251.00	2200	3000	30315 D	99	91	148	129	152	6	14	2.5	2	3.47
75	160	40	37	26	3	2.5	211.00	251.00	2200	3000	31315	99	91	148	129	152	6	14	2.5	2	3.47



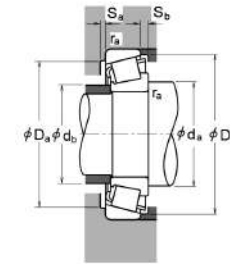
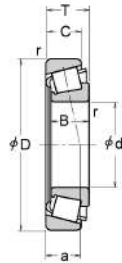
Boundary Dimensions						Basic Load Rating		Limiting Speed		Bearing Designation	Abutment and Fillet Dimensions								Mass Approx		
(mm)						(KN)		(rpm)			(mm)										
d	D	T	B	C	r (min)		C _r	C _{or}	Grease		Oil	d _a	d _b	D _s		D _b	S _a	S _b	r _a (max)		(kg)
					Cone	Cup						(min)	(max)	(max)	(min)	(min)	(min)	(min)	Cone	Cup	
75	160	58	55	45	3	2.5	340.00	445.00	2400	3200		96	91	148	134	149	4	13	2.5	2	5.31
80	110	20	20	16	1	1	75.00	128.00	3000	4000		89	85	104	102	106	4	4	1	1	0.56
80	125	29	29	22	1.5	1.5	140.00	222.00	2800	3600		91	89	116	112	120	6	7	1.5	1.5	1.32
80	125	36	36	29.5	1.5	1.5	172.00	282.00	2800	3600		91	88	116	112	119	6	6.5	1.5	1.5	1.66
80	130	37	37	29	2	1.5	186.00	289.00	2600	3600		82	88	121	113	126	6	8	2	1.5	1.88
80	140	28.25	26	22	2.5	2	157.00	195.00	2600	3400		95	91	130	124	132	4	6	2	2	1.68
80	140	35.25	33	28	2.5	2	192.00	254.00	2600	3400		95	90	130	122	134	4	7	2	2	2.13
80	140	46	46	35	2.5	2	256.00	385.00	2600	3400		95	89	130	119	135	7	11	2	2	2.93
80	170	42.5	39	33	3	2.5	276.00	330.00	2200	3000		98	102	158	150	159	4	9.5	2.5	2	4.27
80	170	42.5	39	27	3	2.5	235.00	283.00	2000	2800		104	97	158	136	159	6	15.5	2.5	2	4.07
80	170	42.5	39	27	3	2.5	235.00	283.00	2000	2800		104	97	158	136	159	6	15.5	2.5	2	4.07
80	170	61.5	58	48	3	2.5	385.00	505.00	2200	3000		101	98	158	143	159	4	13.5	2.5	2	6.35
85	120	23	23	18	1.5	1.5	93.50	157.00	2800	3800		96	92	111	111	115	5	5	1.5	1.5	0.8
85	130	29	29	22	1.5	1.5	143.00	231.00	2600	3600		96	94	121	116	125	6	7	1.5	1.5	1.38
85	130	36	36	29.5	1.5	1.5	180.00	305.00	2600	3600		96	94	121	117	125	6	6.5	1.5	1.5	1.75
85	140	41	41	32	2.5	2	230.00	365.00	2400	3400		100	94	130	122	135	7	9	2	2	2.51
85	150	30.5	28	24	2.5	2	184.00	233.00	2400	3200		100	97	140	133	141	5	6.5	2	2	2.12
85	150	38.5	36	30	2.5	2	210.00	277.00	2200	3200		100	96	140	131	142	5	8.5	2	2	2.64
85	150	49	49	37	2.5	2	281.00	415.00	2400	3200		100	95	140	129	144	7	12	2	2	3.57
85	180	44.5	41	34	4	3	310.00	375.00	2000	2800		106	108	166	157	167	5	10.5	3	2.5	5.08
85	180	44.5	41	28	4	3	261.00	315.00	1900	2600		113	103	166	144	169	6	16.5	3	2.5	4.88
85	180	44.5	41	28	4	3	261.00	315.00	1900	2600		113	103	166	144	169	6	16.5	3	2.5	4.88
85	180	63.5	60	49	4	3	410.00	535.00	2000	2800		110	104	166	151	167	5	14.5	3	2.5	7.31
90	125	23	23	18	1.5	1.5	97.00	167.00	2600	3600		101	97	116	116	120	5	5	1.5	1.5	0.838
90	140	32	32	24	2	1.5	170.00	273.00	2400	3200		102	99	131	124	134	6	8	2	1.5	1.78
90	140	39	39	32.5	2	1.5	220.00	360.00	2400	3200		102	99	131	129	135	7	6.5	2	1.5	2.21
90	150	45	45	35	2.5	2	259.00	405.00	2400	3200		105	100	140	132	144	7	10	2	2	3.14
90	160	32.5	30	26	2.5	2	201.00	256.00	2200	3000		105	103	150	141	150	5	6.5	2	2	2.6
90	160	42.5	40	34	2.5	2	256.00	350.00	2200	3000		105	102	150	139	152	5	8.5	2	2	3.41
90	190	46.5	43	36	4	3	345.00	425.00	1900	2600		111	114	176	176	176	5	10.5	3	2.5	5.91



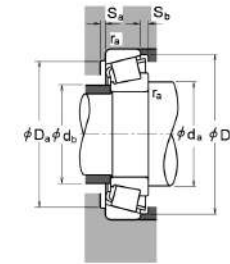
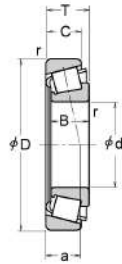
Boundary Dimensions							Basic Load Rating		Limiting Speed		Bearing Designation	Abutment and Fillet Dimensions								Mass Approx	
(mm)							(KN)		(rpm)			(mm)									
d	D	T	B	C	r (min)		C _r	C _{or}	Grease	Oil		d _a	d _b	D _a		D _b	S _a	S _b	r _a (max)		(kg)
					Cone	Cup								(max)	(min)				(min)	(min)	
90	190	46.5	43	30	4	3	264.00	315.00	1800	2400	30318 D	118	110	176	152	179	6	16.5	3	2.5	5.52
90	190	46.5	43	30	4	3	264.00	315.00	1800	2400	31318	118	110	176	152	179	6	16.5	3	2.5	5.52
90	190	67.5	64	53	4	3	450.00	590.00	2000	2600	32318	115	109	176	158	177	5	14.5	3	2.5	8.6
95	130	23	23	18	1.5	1.5	98.00	172.00	2400	3400	32919	106	102	121	121	125	5	5	1.5	1.5	0.877
95	145	32	32	24	2	1.5	173.00	283.00	2400	3200	32019	107	104	136	131	140	6	8	2	1.5	1.88
95	145	39	39	32.5	2	1.5	231.00	390.00	2400	3200	33019	107	103	136	133	139	7	6.5	2	1.5	2.3
95	160	46	46	38	3	3	283.00	445.00	2200	3000	T 2 ED095	113	108	146	141	152	6	8	2.5	2.5	3.74
95	170	34.5	32	27	3	2.5	223.00	286.00	2200	2800	30219	113	110	158	150	159	5	7.5	2.5	2	3.13
95	170	45.5	43	37	3	2.5	289.00	400.00	2200	2800	32219	113	108	158	147	161	5	8.5	2.5	2	4.22
95	200	49.5	45	38	4	3	370.00	455.00	1900	2600	30319	116	119	186	172	184	5	11.5	3	2.5	6.92
95	200	49.5	45	32	4	3	310.00	375.00	1700	2400	30319 D	123	115	186	158	187	6	17.5	3	2.5	6.64
95	200	49.5	45	32	4	3	310.00	375.00	1700	2400	31319	123	115	186	158	187	6	17.5	3	2.5	6.64
95	200	71.5	67	55	4	3	525.00	710.00	1900	2600	32319	120	115	186	167	186	5	16.5	3	2.5	10.4
100	140	25	25	20	1.5	1.5	117.00	205.00	2200	3200	32920	111	109	132	132	134	5	5	1.5	1.5	1.18
100	145	24	22.5	17.5	3	3	113.00	163.00	2200	3000	T 4 CB100	118	108	135	135	142	6	6.5	2.5	2.5	1.18
100	150	32	32	24	2	1.5	176.00	294.00	2200	3000	32020	112	109	141	136	144	6	8	2	1.5	1.95
100	150	39	39	32.5	2	1.5	235.00	405.00	2200	3000	33020	112	107	141	137	143	7	6.5	2	1.5	2.38
100	165	52	52	40	2.5	2	315.00	515.00	2000	2800	33120	115	110	155	144	159	8	12	2	2	4.32
100	180	37	34	29	3	2.5	255.00	330.00	2000	2600	30220	118	116	168	158	168	5	8	2.5	2	3.78
100	180	49	46	39	3	2.5	325.00	450.00	2000	2600	32220	118	115	168	155	171	5	10	2.5	2	5.05
100	180	63	63	48	3	2.5	410.00	635.00	2000	2600	33220	118	113	168	152	172	10	15	2.5	2	6.76
100	215	51.5	47	39	4	3	425.00	525.00	1700	2400	30320	121	128	201	185	197	5	12.5	3	2.5	8.41
100	215	56.5	51	35	4	3	385.00	505.00	1500	2200	31320	136	125	201	169	202	7	21.5	3	2.5	9.02
100	215	77.5	73	60	4	3	565.00	755.00	1700	2400	32320	125	125	201	178	200	5	17.5	3	2.5	12.7
105	145	25	25	20	1.5	1.5	119.00	212.00	2200	3000	32921	116	114	137	137	140	5	5	1.5	1.5	1.23
105	160	35	35	26	2.5	2	204.00	340.00	2000	2800	32021	120	115	150	144	154	6	9	2	2	2.48
105	160	43	43	34	2.5	2	256.00	435.00	2000	2800	33021	120	115	150	146	153	7	9	2	2	3.03
105	190	39	36	30	3	2.5	280.00	365.00	1900	2600	30221	123	123	178	166	177	6	9	2.5	2	4.51
105	190	53	50	43	3	2.5	360.00	510.00	1900	2600	32221	123	120	178	162	180	5	10	2.5	2	6.25
105	225	53.5	49	41	4	3	455.00	565.00	1600	2200	30321	126	133	211	195	206	6	12.5	3	2.5	9.52



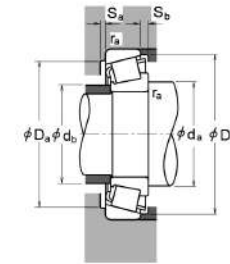
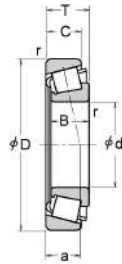
Boundary Dimensions						Basic Load Rating		Limiting Speed		Bearing Designation	Abutment and Fillet Dimensions								Mass Approx		
(mm)						(KN)		(rpm)			(mm)										
d	D	T	B	C	r (min)		C _r	C _{or}	Grease		Oil	d _a	d _b	D _a		D _b	S _a	S _b	r _a (max)		(kg)
					Cone	Cup								(max)	(min)				(min)	(min)	
105	225	58	53	36	4	3	415.00	540.00	1500	2000	31321	141	130	211	177	211	7	22	3	2.5	10
105	225	81.5	77	63	4	3	670.00	925.00	1700	2200	32321	130	129	211	186	209	6	18.5	3	2.5	14.9
110	150	25	25	20	1.5	1.5	123.00	224.00	2200	2800	32922	121	119	142	142	145	5	5	1.5	1.5	1.29
110	170	38	38	29	2.5	2	236.00	390.00	2000	2600	32022	125	121	160	153	163	7	9	2	2	3.09
110	170	47	47	37	2.5	2	294.00	515.00	2000	2600	33022	125	121	160	153	161	7	10	2	2	3.84
110	180	56	56	43	2.5	2	365.00	610.00	1900	2600	33122	125	121	170	156	174	9	13	2	2	5.54
110	200	41	38	32	3	2.5	315.00	420.00	1800	2400	30222	128	129	188	175	187	6	9	2.5	2	5.28
110	200	56	53	46	3	2.5	400.00	565.00	1800	2400	32222	128	127	188	171	190	5	10	2.5	2	7.35
110	240	54.5	50	42	4	3	485.00	595.00	1500	2000	30322	131	143	226	208	220	6	12.5	3	2.5	11
110	240	63	57	38	4	3	470.00	605.00	1400	1900	31322	146	136	226	191	224	7	25	3	2.5	12.3
110	240	84.5	80	65	4	3	675.00	910.00	1500	2000	32322	135	139	226	201	222	6	19.5	3	2.5	17.1
120	165	29	29	23	1.5	1.5	161.00	291.00	1900	2600	32924	131	129	156	155	160	6	6	1.5	1.5	1.8
120	170	27	25	19.5	3	3	153.00	243.00	1800	2600	T 4 CB120	138	129	158	158	164	7	7.5	2.5	2.5	1.78
120	180	38	38	29	2.5	2	242.00	405.00	1800	2400	32024	135	131	170	162	173	7	9	2	2	3.27
120	180	48	48	38	2.5	2	300.00	540.00	1800	2600	33024	135	130	168	161	171	6	10	2	2	4.2
120	200	62	62	48	2.5	2	460.00	755.00	1700	2400	33124	135	133	190	173	192	9	14	2	2	7.67
120	215	43.5	40	34	3	2.5	335.00	450.00	1600	2200	30224	138	141	203	190	201	6	9.5	2.5	2	6.28
120	215	61.5	58	50	3	2.5	440.00	635.00	1600	2200	32224	138	137	203	181	204	6	11.5	2.5	2	9.0
120	260	59.5	55	46	4	3	535.00	655.00	1400	1900	30324	141	154	246	223	237	6	13.5	3	2.5	13.9
120	260	68	62	42	4	3	560.00	730.00	1300	1800	31324	156	148	246	206	244	9	26	3	2.5	15.6
120	260	90.5	86	69	4	3	770.00	1060.00	1400	1900	32324	145	149	246	216	239	6	21.5	3	2.5	21.8
130	180	32	30	26	2	1.5	167.00	281.00	1800	2400	32926	142	141	171	168	175	6	6	2	1.5	2.25
130	180	32	32	25	2	1.5	200.00	365.00	1800	2400	32926	142	140	170	168	173	6	7	2	1.5	2.46
130	185	29	27	21	3	3	183.00	296.00	1700	2400	T 4 CB130	148	141	171	171	179	8	8	2.5	2.5	2.32
130	200	45	45	34	2.5	2	320.00	535.00	1600	2200	32026	145	144	190	179	192	8	11	2	2	5.06
130	200	55	55	43	2.5	2	395.00	715.00	1700	2200	33026	145	144	188	179	192	8	12	2	2	6.25
130	230	43.75	40	34	4	3	375.00	505.00	1500	2000	30226	151	151	216	205	217	7	9.5	3	2.5	7.25
130	230	67.75	64	54	4	3	530.00	790.00	1500	2000	32226	151	147	216	196	219	7	13.5	3	2.5	11.3
130	280	63.75	58	49	5	4	545.00	675.00	1300	1800	30326	157	168	262	239	255	8	14.5	4	3	16.6
130	280	63.75	58	49	5	4	650.00	820.00	1300	1800	30326	157	166	262	241	255	8	14.5	4	3	17.2



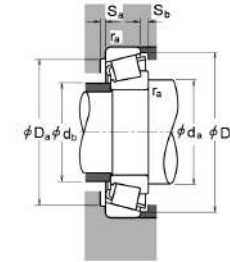
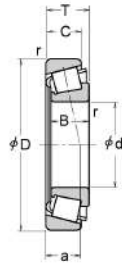
Boundary Dimensions						Basic Load Rating		Limiting Speed		Bearing Designation	Abutment and Fillet Dimensions								Mass Approx			
(mm)						(KN)		(rpm)			(mm)											
d	D	T	B	C	r (min)		C _r	C _{or}	Grease		Oil	d _a	d _b	D _a		D _b	S _a	S _b	r _a (max)		(kg)	
					Cone	Cup								(max)	(min)				(min)	(min)		(min)
130	280	72	66	44	5	4	625.00	820.00	1200	1700			174	159	262	220	261	9	28	4	3	18.8
130	280	98.75	93	78	5	4	830.00	1150.00	1300	1800			162	165	262	233	263	8	20.5	4	3	26.6
140	190	32	32	25	2	1.5	206.00	390.00	1700	2200			152	150	180	178	184	6	7	2	1.5	2.64
140	210	45	45	34	2.5	2	325.00	555.00	1600	2200			155	152	200	189	202	8	11	2	2	5.32
140	210	56	56	44	2.5	2	410.00	770.00	1600	2200			155	153	198	189	202	7	12	2	2	6.74
140	250	45.75	42	36	4	3	390.00	515.00	1400	1900			161	164	236	221	234	7	9.5	3	2.5	8.74
140	250	71.75	68	58	4	3	610.00	915.00	1400	1900			161	159	236	213	238	9	13.5	3	2.5	14.3
140	300	67.75	62	53	5	4	740.00	945.00	1200	1700			167	177	282	256	273	9	14.5	4	3	21.1
140	300	77	70	47	5	4	695.00	955.00	1100	1500			184	174	282	236	280	9	30	4	3	28.5
140	300	107.75	102	85	5	4	985.00	1440.00	1200	1600			172	177	282	246	281	9	22.5	4	3	33.9
150	210	38	36	31	2.5	2	247.00	440.00	1500	2000			165	162	200	195	201	7	7	2	2	3.8
150	210	38	38	30	2.5	2	281.00	520.00	1500	2000			165	163	198	196	202	7	8	2	2	4.05
150	225	48	48	36	3	2.5	375.00	650.00	1400	2000			168	164	213	202	216	8	12	2.5	2	6.6
150	225	59	59	46	3	2.5	435.00	805.00	1400	2000			168	165	213	203	217	8	13	2.5	2	8.07
150	270	49	45	38	4	3	485.00	665.00	1300	1800			171	175	256	236	250	7	11	3	2.5	11.2
150	270	77	73	60	4	3	705.00	1080.00	1300	1800			171	171	256	228	254	8	17	3	2.5	17.8
150	320	72	65	55	5	4	690.00	860.00	1100	1500			177	193	302	275	292	8	17	4	3	24.2
150	320	72	65	55	5	4	825.00	1060.00	1100	1600			177	190	302	276	292	8	17	4	3	25
150	320	82	75	50	5	4	790.00	1100.00	1000	1400			194	187	302	253	300	9	32	4	3	28.5
150	320	114	108	90	5	4	1120.00	1700.00	1100	1500			182	191	302	262	297	8	24	4	3	41.4
160	220	38	38	30	2.5	2	296.00	570.00	1400	1900			175	173	208	206	212	7	8	2	2	4.32
160	240	51	51	38	3	2.5	425.00	750.00	1300	1800			178	175	228	216	231	8	13	2.5	2	7.93
160	290	52	48	40	4	3	530.00	730.00	1200	1600			181	189	276	253	269	8	12	3	2.5	13.7
160	290	84	80	67	4	3	795.00	1120.00	1200	1600			181	184	276	243	274	10	17	3	2.5	22.7
160	340	75	68	58	5	4	765.00	960.00	1000	1400			187	205	322	293	311	10	17	4	3	28.4
160	340	75	68	58	5	4	870.00	1110.00	1100	1400			187	201	322	293	310	10	17	4	3	29.2
160	340	75	68	48	5	4	675.00	875.00	950	1300			196	198	322	270	313	9	27	4	3	27.5
160	340	121	114	95	5	4	1210.00	1770.00	1000	1400			192	202	322	281	319	10	26.5	4	3	48.3
170	230	38	36	31	2.5	2.5	258.00	485.00	1300	1800			185	183	220	216	223	7	7	2	2	4.3
170	230	38	38	30	2.5	2	294.00	560.00	1400	1800			185	180	218	215	222	7	8	2	2	4.44



Boundary Dimensions						Basic Load Rating		Limiting Speed		Bearing Designation	Abutment and Fillet Dimensions								Mass Approx			
(mm)						(KN)		(rpm)			(mm)											
d	D	T	B	C	r (min)		C _r	C _{or}	Grease		Oil	d _a	d _b	D _a		D _b	S _a	S _b	r _a (max)		(kg)	
					Cone	Cup								(max)	(min)				(min)	(min)		Cone
170	260	57	57	43	3	2.5	505.00	890.00	1200	1700			188	187	248	232	249	10	14	2.5	2	10.6
170	310	57	52	43	5	4	630.00	885.00	1100	1500			197	202	292	273	288	8	14	4	3	17.1
170	310	91	86	71	5	4	930.00	1450.00	1100	1500			197	197	292	262	294	10	20	4	3	28
170	360	80	72	62	5	4	845.00	1080.00	950	1300			197	221	342	312	332	10	18	4	3	33.5
170	360	80	72	62	5	4	960.00	1230.00	1000	1300			197	214	342	310	329	10	18	4	3	34.5
170	360	80	72	50	5	4	760.00	1040.00	900	1200			206	215	342	288	332	10	30	4	3	33.4
170	360	127	120	100	5	4	1370.00	2050.00	1000	1300			202	213	342	297	337	10	27	4	3	57
180	250	45	45	34	2.5	2	350.00	685.00	1300	1700			195	192	240	227	241	8	11	2	2	6.56
180	280	64	64	48	3	2.5	640.00	1130.00	1200	1600			198	199	268	248	267	10	16	2.5	2	14.3
180	320	57	52	43	5	4	650.00	930.00	1100	1400			207	210	302	281	297	9	14	4	3	17.8
180	320	91	86	71	5	4	960.00	1540.00	1100	1400			207	205	302	270	303	10	20	4	3	29.8
180	380	83	75	64	5	4	935.00	1230.00	900	1300			207	233	362	324	345	10	19	4	3	39.3
180	380	83	75	53	5	4	820.00	1120.00	850	1200			216	229	362	304	352	10	30	4	3	38.5
180	380	134	126	106	5	4	1520.00	2290.00	950	1300			212	225	362	310	353	10	28	4	3	66.8
190	260	45	45	34	2.5	2	365.00	715.00	1200	1600			205	201	250	237	251	8	11	2	2	6.83
190	290	64	64	48	3	2.5	650.00	1170.00	1100	1500			208	209	278	258	279	10	16	2.5	2	14.9
190	340	60	55	46	5	4	760.00	1080.00	1000	1300			217	223	322	302	318	9	14	4	3	21.4
190	340	97	92	75	5	4	1110.00	1770.00	1000	1400			217	216	322	290	323	10	22	4	3	35.2
190	400	86	78	65	6	5	1010.00	1340.00	850	1200			223	248	378	346	366	11	21	5	4	46
190	400	140	132	109	6	5	1660.00	2580.00	850	1200			229	243	378	332	375	11	31	5	4	78.9
200	280	51	48	41	3	2.5	410.00	780.00	1100	1500			218	217	268	256	269	9	10	2.5	2	9.26
200	280	51	51	39	3	2.5	480.00	935.00	1100	1500			218	216	268	258	271	9	12	2.5	2	9.65
200	310	70	70	53	3	2.5	760.00	1370.00	1000	1400			218	221	298	277	297	11	17	2.5	2	18.9
200	360	64	58	48	5	4	825.00	1180.00	950	1300			227	236	342	318	336	10	16	4	3	25.1
200	360	104	98	82	5	4	1210.00	1920.00	950	1300			227	230	342	305	340	11	22	4	3	42.6
200	420	89	80	67	6	5	1030.00	1390.00	850	1200			233	253	398	346	368	11	22	5	4	52.3
200	420	89	80	56	6	5	965.00	1330.00	750	1000			244	253	398	336	385	11	33	5	4	49.6
200	420	146	138	115	6	5	1820.00	2870.00	800	1100			239	253	398	346	392	11	31	5	4	90.9
220	300	51	51	39	3	2.5	490.00	990.00	1000	1400			238	235	288	278	293	9	12	2.5	2	10.3
220	340	76	76	57	4	3	885.00	1610.00	950	1300			241	244	326	303	326	12	19	3	2.5	24.4



Boundary Dimensions						Basic Load Rating		Limiting Speed		Bearing Designation	Abutment and Fillet Dimensions								Mass Approx		
(mm)						(KN)		(rpm)			(mm)										
d	D	T	B	C	r (min)		C _r	C _{or}	Grease		Oil	d _a	d _b	D _e		D _b	S _a	S _b	r _a (max)		(kg)
					Cone	Cup						(min)	(max)	(max)	(min)	(min)	(min)	(min)	Cone	Cup	
220	400	72	65	54	5	4	810.00	1150.00	850	1100	247	267	382	350	367	11	18	4	3	33.6	
220	400	114	108	90	5	4	1340.00	2210.00	850	1100	247	260	382	340	377	12	24	4	3	57.4	
220	460	97	88	73	6	5	1430.00	1990.00	750	1000	253	283	438	390	414	12	24	5	4	72.4	
220	460	154	145	122	6	5	2020.00	3200.00	750	1000	259	274	438	372	421	12	32	5	4	114	
240	320	51	51	39	3	2.5	500.00	1040.00	950	1300	258	255	308	297	314	9	12	2.5	2	11.1	
240	360	76	76	57	4	3	920.00	1730.00	850	1200	261	262	346	321	346	12	19	3	2.5	26.2	
240	440	79	72	60	5	4	990.00	1400.00	750	1000	267	288	422	384	408	11	19	4	3	45.2	
240	440	127	120	100	5	4	1630.00	2730.00	750	1000	267	285	422	374	416	12	27	4	3	78	
240	500	105	95	80	6	5	1660.00	2340.00	670	950	273	308	478	422	447	12	25	5	4	92.6	
240	500	165	155	132	6	5	2520.00	4100.00	670	900	279	301	478	410	464	12	33	5	4	145	
260	360	63.5	63.5	48	3	2.5	730.00	1450.00	850	1100	278	278	348	333	347	11	15.5	2.5	2	18.6	
260	400	87	87	65	5	4	1160.00	2160.00	800	1100	287	287	382	357	383	14	22	4	3	38.5	
260	480	89	80	67	6	5	1190.00	1700.00	670	900	293	316	458	421	447	12	22	5	4	60.7	
260	480	137	130	106	6	5	1900.00	3300.00	670	950	293	305	458	394	446	14	31	5	4	103	
260	540	113	102	85	6	6	1870.00	2640.00	630	850	293	336	512	460	487	16	28	5	5	114	
260	540	176	165	136	6	6	2910.00	4800.00	630	850	293	328	512	441	495	13	40	5	5	188	
280	380	63.5	63.5	48	3	2.5	765.00	1580.00	800	1100	298	297	368	352	368	12	15.5	2.5	2	20	
280	420	87	87	65	5	4	1180.00	2240.00	710	1000	307	305	402	374	402	14	22	4	3	40.6	
280	500	89	80	67	6	5	1240.00	1900.00	630	850	313	339	478	436	462	12	22	5	4	66.3	
280	500	137	130	106	6	5	1950.00	3450.00	630	850	313	325	478	412	467	14	31	5	4	109	
280	580	187	175	145	6	6	3300.00	5400.00	560	800	319	353	552	475	532	14	42	5	5	224	
300	420	76	72	62	4	3	895.00	1820.00	710	950	321	326	406	386	405	13	14	3	2.5	30.5	
300	420	76	76	57	4	3	1010.00	2100.00	710	950	321	324	406	387	405	13	19	3	2.5	31.4	
300	460	100	100	74	5	4	1440.00	2700.00	670	900	327	330	442	408	439	15	26	4	3	56.6	
300	540	96	85	71	6	5	1440.00	2100.00	600	800	333	355	518	470	499	14	25	5	4	80.6	
300	540	149	140	115	6	5	2220.00	3700.00	600	800	333	352	518	458	514	15	34	5	4	132	
320	440	76	72	63	4	3	900.00	1880.00	970	900	341	345	426	404	425	13	13	3	2.5	32	
320	440	76	76	57	4	3	1040.00	2220.00	670	900	341	344	426	406	426	13	19	3	2.5	33.3	
320	480	100	100	74	5	4	1510.00	2910.00	630	850	347	350	462	430	461	15	26	4	3	60	
320	580	104	92	75	6	5	1640.00	2420.00	530	750	353	381	558	503	533	14	29	5	4	99.3	



Boundary Dimensions						Basic Load Rating		Limiting Speed		Bearing Designation	Abutment and Fillet Dimensions								Mass Approx (kg)		
(mm)						(KN)		(rpm)			(mm)										
d	D	T	B	C	r (min)		C _r	C _{or}	Grease		Oil	d _a	d _b	D _a		D _b	S _a	S _b		r _a (max)	
					Cone	Cup						(min)	(max)	(max)	(min)	(min)	(min)	(min)		(min)	(min)
320	580	159	150	125	6	5	2860.00	5050.00	530	750	32264	353	383	558	487	550	15	34	5	4	175
320	670	210	200	170	7.5	7.5	4200.00	7100.00	480	670	32364	383	412	634	547	616	14	42	6	6	343
340	460	76	72	63	4	3	910.00	1940.00	630	850	32968	361	364	446	426	446	13	13	3	2.5	33.6
340	460	76	76	57	4	3	1050.00	2220.00	630	850	32968	361	362	446	427	446	13	19	3	2.5	34.3
340	520	112	106	92	6	5	1650.00	3400.00	560	750	32068	373	386	498	464	496	3.5	22	5	4	83.7
360	480	76	72	62	4	3	945.00	2100.00	600	800	32972	381	386	466	445	465	14	14	3	2.5	35.8
360	480	76	76	57	4	3	1080.00	2340.00	560	800	32972	381	381	466	445	466	13	19	3	2.5	36.1
360	540	112	106	92	6	5	1680.00	3500.00	530	750	32072	393	402	518	480	514	5.5	22	5	4	86.5
380	520	87	82	71	5	4	1210.00	2550.00	560	750	32976	407	406	502	478	501	16	16	4	3	49.5
400	540	87	82	71	5	4	1250.00	2700.00	530	710	32980	427	428	522	499	524	16	16	4	3	52.7
400	600	125	118	100	6	5	1960.00	4050.00	480	670	32080	433	443	578	533	565	5	25	5	4	116
420	560	87	82	72	5	4	1300.00	2810.00	500	670	32984	447	448	542	521	544	3.5	15	4	3	54.8
420	620	125	118	100	6	5	2000.00	4200.00	450	630	32084	453	463	598	552	586	6.5	25	5	4	121
440	650	130	122	104	6	6	2230.00	4600.00	430	600	32088	473	487	622	582	616	5	26	5	5	136