



Boundary Dimensions						Basic Load Rating		Limiting Speed		Bearing Designation	Shoulder Dimensions			Mass
(mm)						(KN)		(rpm)			(mm)			(kg)
d	D	B	d ₁	D ₁	r _{1,2} (min)	C _r	C _{or}	Grease	Oil		d _a	D _a	r _a	Approx
10	30	14	16.5	23	0.6	7.7	5.9	15000	20000	4200	14	26	0.6	0.057
12	32	14	18	25.5	0.6	7.75	6.15	14000	18000	4201	16	28	0.6	0.062
15	35	14	21.5	29	0.6	9.75	9	12000	16000	4202	19	31	0.6	0.071
17	40	16	24	32.5	0.6	11.7	10.4	11000	14000	4203	21	36	0.6	0.106
20	47	18	29.5	38	1	16.4	16	9000	12000	4204	25	42	1	0.165
25	52	18	34	42.5	1	16.3	16.9	7500	9900	4205	30	47	1	0.189
30	62	20	50	51	1	22	24.7	6400	8500	4206	35	57	1	0.298
35	72	23	47.5	59.5	1.1	26.4	30.7	5600	7400	4207	41.5	65.5	1	0.46
40	80	23	54	66	1.1	33.7	42.4	4700	6300	4208	46.5	73.5	1	0.558
45	85	23	59.5	71.5	1.1	31.9	43.9	4600	6100	4209	51.5	78.5	1	0.605
50	90	23	65.5	77.5	1.1	31.4	44.6	4200	5600	4210	56.5	83.5	1	0.651
55	100	25	71	83.5	1.5	37.2	54.1	3800	5000	4211	63	92	1.5	0.882
60	110	28	75.5	90.5	1.5	47.9	67.6	3500	4700	4212	68	102	1.5	1.2
65	120	31	82.5	99	1.5	54.7	78.5	3200	4300	4213	73	112	1.5	1.59
70	125	31	89.5	106	1.5	62.1	89.8	3100	4100	4214	78	117	1.5	1.68
75	130	31	96.8	114	1.5	61.6	90.7	2900	3900	4215	83	122	1.5	1.77
15	42	17	24.5	32.5	1	13.1	11.7	11000	14000	4302	20	37	1	0.123
17	47	19	28.5	38	1	16.5	15	9400	13000	4303	22	42	1	0.171
20	52	21	31.5	42	1.1	19.5	17	8300	11000	4304	26.5	45.5	1	0.227
25	62	24	37	49.5	1.1	26.3	25.7	6700	9000	4305	31.5	55.5	1	0.365
30	72	27	43.8	58	1.1	35.5	35.9	5700	7600	4306	36.5	65.5	1	0.542
35	80	31	49.5	65.2	1.5	40.6	41.8	5200	7000	4307	43	72	1.5	0.752
40	90	33	56.8	73	1.5	46	48.8	4600	6100	4308	48	82	1.5	1.01
45	100	36	63.5	81.5	1.5	57.6	62.4	4100	5500	4309	53	92	1.5	1.35
50	110	40	70	90	2	70.4	77.7	3700	5000	4310	59	101	2	1.8
55	120	43	76.5	98.5	2	84.2	94.4	3400	4600	4311	64	111	2	2.29
60	130	46	83	107	2.1	99.2	113	3100	4200	4312	71	119	2	2.87
65	140	48	89.5	115	2.1	107	124	2900	3900	4313	76	129	2	3.46
70	150	51	97	127	2.1	115	136	2700	3600	4314	81	139	2	4.21
75	160	55	103	132	2.1	132	158	2500	3400	4315	86	149	2	5.15