

Principal dimensions			Basic load ratings		Pu	Min Loading A	Speed ratings		Bearing+ Seat rings	Designation		Dimensions													Abutment and fillet dimensions			
(mm)			KN				Speed Ratings	Limiting Speed		Bearing	Housing washer	mm													mm			
d	D	H _i	dyc Cr	stc Cor								d	D1	D ₂	D ₃	H	B	C	R	s	r ₁₂ Min	r ₁₄ Min	d _h	Da Max	r _s Max	r _s Max		
30	62	42	35.1	73.5	5.7	0.028	4000	5600	0.53	54207	1207	30	37	48	85	37.73	8	7	50	21	1	0.3	35	48	1	0.3		
30	68	44	46.8	106	4	0.058	3800	5300	0.63	54208	1208	30	42	55	72	38.6	9	7	56	25	1	0.6	40	55	1	0.6		
30	68	52	49.4	96.5	3.55	0.048	3400	4800	0.85	54207	1307	30	37	52	72	47.19	10	7	56	21	1	0.3	35	52	1	0.3		
50	78	59	61.8	122	4.5	0.077	3000	4300	1.17	54308	1308	30	42	80	82	54.1	12	8.5	64	23.5	1	0.6	40	80	1	0.6		
35	73	45	59	86.5	5.2	0.038	3600	5000	0.78	54209	1209	35	47	60	78	39.6	9	7.5	56	23	1	0.6	45	60	1	0.6		
35	85	62	76.1	153	5.6	0.12	2800	4000	1.60	54309	1309	35	47	65	90	56.2	12	10	64	21	1	0.6	45	65	1	0.6		
35	100	86	130	265	9.8	0.37	2200	3000	3.00	54409	1409	35	47	72	105	78.9	17	12.5	80	23.5	1, 1	0.6	45	72	1	0.6		
40	85	70	88.4	190	6.95	0.19	2600	3600	2.30	54310	1310	40	52	72	100	64.7	14	11	72	23	1, 1	0.6	50	72	1	0.6		
40	110	92	139	340	12.5	0.60	2000	2800	4.45	54410	1410	40	52	80	115	85.2	18	14	80	30	1.5	0.6	50	80	1	0.6		
45	90	55	61.8	146	5.4	0.11	3800	4000	1.30	54311	1211	45	57	72	95	49.6	10	9	72	32.5	1	0.6	55	72	1	0.6		
50	110	78	101	224	8.3	0.26	2200	3000	2.90	54312	1312	50	62	85	115	70.7	15	11.5	90	36.5	1, 1	0.6	60	85	1	0.6		
65	140	95	139	390	13.7	0.79	1700	2400	6.57	54316	1316	65	82	110	145	86.1	18	18	112	45.5	1.5	1	80	110	1.5	1		
65	170	140	270	670	22.4	2.3	1300	1700	1.49	54416M	1416	65	83	125	175	128.5	27	22	125	40.5	2, 1	1	80	125	2	1		
70	150	105	190	465	16	1.1	1600	2200	7.95	54317	1317	70	88	115	155	95.2	19	17.5	112	39	1.5	1	85	115	1.5	1		
80	210	176	371	1060	31.5	5.8	950	1400	29.0	54420M	1420	80	103	155	220	159.9	33	27	160	43.5	3	1, 1	100	155	3.5	1		