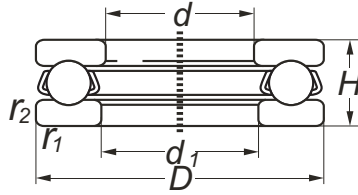
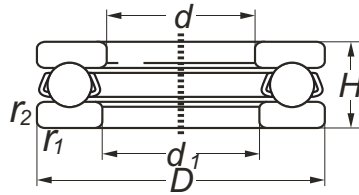


Inner bore <i>d</i> mm	Bearing number	Principal dimensions mm				Basic load ratings		Fatigue load limit Pu N	Max runout speed		Mass kg
		<i>D</i>	<i>H</i>	<i>d</i> ₁	<i>r</i> _{1,2} <i>min</i>	dynamic C N	static Co		grease	oil	
10	51100	24	9	11	0.3	7900	11200	1.00	4900	6600	0.020
12	51101	26	9	13	0.3	8300	12200	0.81	4600	6300	0.022
15	51102	28	9	16	0.3	7400	11200	1.00	4400	5900	0.023
17	51103	30	9	18	0.3	7800	12200	1.20	4400	5900	0.025
20	51104	35	10	21	0.3	10100	16600	2.20	3900	5200	0.038
25	51105	42	11	26	0.6	12700	23200	4.40	3300	4400	0.056
30	51106	47	11	32	0.6	13400	26800	5.80	3100	4200	0.063
35	51107	52	12	37	0.6	13900	30000	7.30	3000	3900	0.080
40	51108	60	13	42	0.6	18700	40000	13.00	2600	3500	0.120
45	51109	65	14	47	0.6	19300	45600	16.00	2300	3100	0.140
50	51110	70	14	52	0.6	20400	50400	20.00	2200	3000	0.160
55	51111	78	16	57	0.6	24500	62400	31.00	1900	2600	0.230
60	51112	85	17	62	1.0	28600	72000	42.00	1800	2500	0.200
65	51113	90	18	67	1.0	29600	78400	49.00	1600	2300	0.330
70	51114	95	18	72	1.0	30100	83200	56.00	1600	2300	0.350
75	51115	100	19	77	1.0	35300	109600	97.00	1500	2200	0.400
80	51116	105	19	82	1.0	35900	112000	100.00	1400	2100	0.420
85	51117	110	19	87	1.0	36900	120000	120.00	1400	2100	0.440
90	51118	120	22	92	1.0	47300	152000	190.00	1200	1800	0.670
100	51120	135	25	102	1.0	68100	216000	380.00	1100	1600	0.970
110	51122	145	25	112	1.0	69600	232000	440.00	1100	1500	1.050
120	51124	155	25	122	1.0	70700	248000	500.00	1100	1500	1.150
130	51126	170	30	132	1.0	88800	312000	790.00	900	1300	1.850
140	51128	180	31	142	1.0	88800	320000	830.00	900	1200	2.050
150	51130	190	31	152	1.0	88800	320000	830.00	800	1100	2.200
160	51132	200	31	162	1.0	89600	340000	940.00	800	1100	2.350
170	51134	215	34	172	1.1	106400	400000	1300.00	7000	1100	3.300
180	51136	225	34	183	1.1	108000	424000	1500.00	700	1000	3.500
190	51138	240	37	193	1.1	137600	524000	2200.00	600	900	4.050
200	51140	250	37	203	1.1	134400	524000	2200.00	600	900	4.250
220	51144	270	37	223	1.1	142400	588000	2800.00	600	900	4.600
240	51148	300	45	243	1.5	187200	772000	4800.00	500	700	7.550
260	51152	320	45	263	1.5	190400	816000	5400.00	500	700	8.100
280	51156	350	53	283	1.5	255200	1072000	9300.00	400	600	12.000



Inner bore <i>d</i> mm	Bearing number	Principal dimensions mm				Basic load ratings		Fatigue load limit <i>P_u</i> N	Max runout speed		Mass kg
		<i>D</i>	<i>H</i>	<i>d</i> ₁	<i>r</i> _{1,2} <i>min</i>	dynamic <i>C</i> N	static <i>C</i> ₀		grease	oil	
10	51200	26	11	12	0.6	10100	13600	1.5	4200	5600	0.031
12	51201	28	11	14	0.6	10600	15200	1.9	4200	5600	0.034
15	51202	32	12	17	0.3	13200	20000	3.3	3700	4900	0.046
17	51203	35	12	19	0.6	13700	22000	3.9	3500	4600	0.053
20	51204	40	14	22	0.6	18000	30000	7.3	3100	4200	0.083
25	51205	47	15	27	0.6	22000	40000	13	2800	3700	0.110
30	51206	52	16	32	0.6	20400	38000	11	2500	3300	0.130
35	51207	62	18	37	1.0	28000	53600	23	2100	2800	0.220
40	51208	68	19	42	1.0	37400	78400	49	1900	2600	0.280
45	51209	73	20	47	1.0	31200	64000	33	1800	2500	0.300
50	51210	78	22	52	1.0	39500	84800	58	1600	2300	0.370
55	51211	90	25	57	1.0	49400	107200	93	1300	1900	0.590
60	51212	95	26	62	1.0	49900	112000	100	1300	1900	0.650
65	51213	100	27	67	1.0	50900	120000	120	1200	1800	0.780
70	51214	105	27	72	1.0	52000	128000	130	1200	1800	0.790
75	51215	110	27	77	1.0	54000	136000	150	1100	1600	0.830
80	51216	115	28	82	1.0	60800	152000	190	1100	1600	0.910
85	51217	125	31	88	1.0	78000	200000	330	1100	1500	1.200
90	51218	135	35	93	1.1	95200	240000	470	1000	1400	1.700
100	51220	150	38	103	1.1	99200	256000	530	900	1200	2.200
110	51222	160	38	113	1.1	104000	288000	670	800	1100	2.400
120	51224	170	39	123	1.1	112000	320000	830	700	1100	2.650
130	51226	190	45	133	1.5	148800	432000	1500	600	900	4.000
140	51228	200	46	143	1.5	152000	456000	1700	600	900	4.350
150	51230	215	50	153	1.5	190400	588000	2800	600	900	6.100
160	51231	225	51	163	1.5	193600	624000	3200	500	800	6.550
170	51234	240	55	173	1.5	228800	744000	4500	500	700	8.150
180	51236	250	56	183	1.5	236800	800000	5200	500	700	8.600
190	51238	270	62	194	2.0	265600	928000	7000	500	7000	12.000
200	51240	280	62	204	2.0	270400	976000	7700	500	7000	12.000
220	51244	300	63	224	2.0	280800	105600	9100	400	600	13.000
240	51248	340	78	244	2.1	369600	1488000	18000	400	500	23.000
260	51252	360	79	264	2.1	380000	1600000	21000	300	500	25.000
280	51256	380	80	284	2.1	395200	1728000	24000	300	500	26.500



Inner bore <i>d</i> mm	Bearing number	Principal dimensions mm				Basic load ratings		Fatigue load limit Pu N	Max runout speed		Mass kg
		<i>D</i>	<i>H</i>	<i>d</i> ₁	<i>r</i> _{1,2} <i>min</i>	C N	C ₀		grease	oil	
25	51305	52	18	27	1.0	27600	44000	15	2300	4500	0.17
30	51306	60	21	32	1.0	30100	52400	22	1900	3800	0.26
35	51307	68	24	37	1.0	39500	70400	40	1600	3400	0.38
40	51308	78	26	42	1.0	49400	89600	65	1400	3000	0.53
45	51309	85	28	47	1.0	60800	112000	100	1300	2800	0.66
50	51310	95	31	52	1.1	70700	138400	160	1200	2600	0.94
55	51311	105	35	57	1.1	83200	166400	220	1100	2200	1.30
60	51312	110	35	62	1.1	80800	166400	220	1100	2200	1.35
65	51313	115	36	67	1.1	84800	176000	250	1000	2000	1.50
70	51314	125	40	72	1.1	108000	240000	470	900	1900	2.00
75	51315	135	44	77	1.5	130400	288000	670	800	1700	2.60
80	51316	140	44	82	1.5	127200	288000	670	800	1700	2.70
85	51317	150	49	88	1.5	152000	340000	940	700	1600	3.55
90	51318	155	50	93	1.5	156000	372000	1100	700	1500	3.80
100	51320	170	55	103	1.5	183200	448000	1600	600	1400	4.95
110	51322	190	63	113	2.0	220800	576000	2700	500	1200	7.85
120	51324	210	70	123	2.1	260000	732000	4400	500	1100	11.00
130	51326	225	75	134	2.1	286400	848000	5800	500	1000	13.00
140	51328	240	80	144	2.1	317600	960000	7700	400	950	15.50
150	51330	250	80	154	2.1	328000	1032000	8700	400	900	16.50
160	51332	270	87	164	3.0	359200	1200000	12000	400	850	21.00
170	51334	280	87	174	3.0	374400	1280000	13000	400	800	22.00
180	51336	300	95	184	3.0	416000	1464000	17000	300	750	28.50
200	51340	340	110	205	4.0	499200	1920000	30000	300	630	44.50