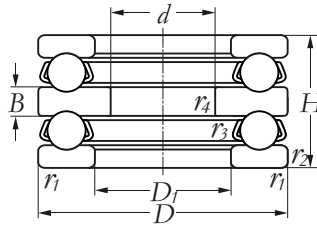
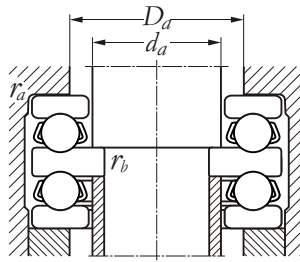


Technical Information



Inner bore <i>d</i> mm	Bearing number	Principal dimensions		Basic load ratings		Fatigue load limit <i>P_u</i> N	Max runout speed		Mass kg
		<i>D</i> mm	<i>H</i> mm	<i>C</i> N	<i>C₀</i> N		grease r/min	oil r/min	
10	52202	32	22	13200	20000	3.3	3700	4900	0.081
15	52204	40	26	18000	30000	7.3	3100	4200	0.150
20	52205	47	28	22000	40000	13.0	2800	3700	0.220
25	52206	52	29	20400	38000	11.0	2500	3300	0.250
30	52207	62	34	28000	53600	23.0	2100	2800	0.410
30	52208	68	36	37400	78400	49.0	1900	2600	0.550
35	52209	73	37	31200	64000	33.0	1800	2500	0.600
40	52210	78	39	39500	84800	58.0	1600	2300	0.710
45	52211	90	45	49400	107200	93.0	1300	1900	1.100
50	52212	95	46	49900	112000	100.0	1300	1900	1.200
55	52213	100	47	50900	120000	120.0	1200	1800	1.350
60	52215	110	47	54000	136000	150.0	1100	1600	1.550
65	52216	115	48	60800	152000	190.0	1100	1600	1.700
70	52217	125	55	78000	200000	330.0	1100	1500	2.400
75	52218	135	62	95200	240000	470.0	1000	1400	3.200
85	52220	150	67	99200	256000	530.0	900	1200	4.200
95	52222	160	67	104000	288000	670.0	800	1100	4.650
100	52224	170	68	112000	320000	830.0	700	1100	5.250
110	52226	190	80	148800	432000	1500.0	600	900	8.000
120	52228	200	81	152000	456000	1700.0	600	900	8.650
130	52230	215	89	190400	588000	2800.0	600	900	11.500
140	52232	225	90	193600	624000	3200.0	500	800	12.000
150	52234	240	97	228800	744000	4500.0	500	700	15.000
150	52334	280	153	374400	1280000	13000.0	400	500	36.000
150	52236	250	98	236800	800000	5200.0	500	700	16.000





Inner bore d mm	Bearing number	Dimensions				Abutment and fillet dimensions			
		D_1	B	$r_{1,2}$ min	$r_{3,4}$ min	d_a min	D_a max	r_a max	b_a max
10	52202	17	5	0.6	0.3	15	22	0.6	0.3
15	52204	22	6	0.6	0.3	20	28	0.6	0.3
20	52205	27	7	0.6	0.3	25	34	0.6	0.3
25	52206	32	7	0.6	0.3	30	39	0.6	0.3
30	52207	37	8	1.0	0.3	35	46	1.0	0.3
30	52208	42	9	1.0	0.6	40	51	1.0	0.6
35	52209	47	9	1.0	0.6	45	56	1.0	0.6
40	52210	52	9	1.0	0.6	50	61	1.0	0.6
45	52211	57	10	1.0	0.6	55	69	1.0	0.6
50	52212	62	10	1.0	0.6	60	74	1.0	0.6
55	52213	67	10	1.0	0.6	65	79	1.0	0.6
60	52215	77	10	1.0	1.0	75	89	1.0	1.0
65	52216	82	10	1.0	1.0	80	94	1.0	1.0
70	52217	88	12	1.0	1.0	85	101	1.0	1.0
75	52218	93	14	1.1	1.0	90	108	1.0	1.0
85	52220	103	15	1.1	1.0	100	120	1.0	1.0
95	52222	113	15	1.1	1.0	110	130	1.0	1.0
100	52224	123	15	1.1	1.1	120	140	1.0	1.0
110	52226	133	18	1.5	1.1	130	154	1.5	1.0
120	52228	143	18	1.5	1.1	140	164	1.5	1.0
130	52230	153	20	1.5	1.1	150	176	1.5	1.0
140	52232	163	20	1.5	1.1	160	186	1.5	1.0
150	52234	173	21	1.5	1.1	170	198	1.5	1.0
150	52334	174	33	3.0	1.1	170	215	2.5	1.0
150	52236	183	21	1.5	2.0	180	208	1.5	2.0

