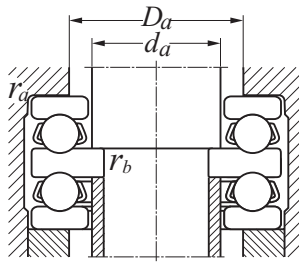


Inner bore <i>d</i> mm	Bearing number	Principal dimensions		Basic load ratings		Fatigue load limit <i>P<sub>u</sub></i> N	Max runout speed		Mass kg
		<i>D</i> mm	<i>H</i>	dynamic <i>C</i> N	static <i>C<sub>0</sub></i>		grease r/min	oil	
20	52305	52	34	27600	44000	15	2300	3100	0.33
25	52306	60	38	30100	52400	22	1900	2600	0.47
30	52307	68	44	39500	70400	40	1600	2300	0.68
30	52308	78	49	49400	89600	65	1400	2100	1.05
35	52309	85	52	60800	112000	100	1300	1900	1.25
40	52310	95	58	70700	138400	160	1200	1800	1.75
45	52311	105	64	83200	166400	220	1100	1500	2.40
50	52312	110	64	80800	166400	220	1100	1500	2.55
55	52313	115	65	84800	176000	250	1000	1400	2.75
55	52314	125	72	108000	240000	470	900	1300	3.65
60	52315	135	79	130400	288000	670	800	1100	4.80
65	52316	140	79	127200	288000	670	800	1100	4.94
85	52320	170	97	183200	448000	1600	600	900	8.95
100	52324	210	123	260000	732000	4400	500	700	19.50
130	52330	250	140	328000	1032000	8700	400	600	27.00



Inner bore $d$ mm	Bearing number	Dimensions(mm)				Abutment and fillet dimensions(mm)			
		$D_1$	$B$	$r_{1,2}$ min	$r_{3,4}$ min	$d_a$ min	$D_a$ max	$r_a$ max	$b_a$ max
20	52305	27	8	1.0	0.3	25	36	1.0	0.3
25	52306	32	9	1.0	0.3	30	42	1.0	0.3
30	52307	37	10	1.0	0.3	35	48	1.0	0.3
30	52308	42	12	1.0	0.6	40	55	1.0	0.6
35	52309	47	12	1.0	0.6	45	61	1.0	0.6
40	52310	52	14	1.1	0.6	50	68	1.0	0.6
45	52311	57	15	1.1	0.6	55	75	1.0	0.6
50	52312	62	15	1.1	0.6	60	80	1.0	0.6
55	52313	67	15	1.1	0.6	65	85	1.0	1.0
55	52314	72	16	1.1	1.0	70	92	1.0	1.0
60	52315	77	18	1.5	1.0	75	99	1.5	1.0
65	52316	82	18	1.5	1.0	80	104	1.5	1.0
85	52320	103	21	1.5	1.0	100	128	1.5	1.0
100	52324	123	27	2.1	1.1	120	157	2.0	1.0
130	52330	154	31	2.1	1.1	150	191	2.0	1.0