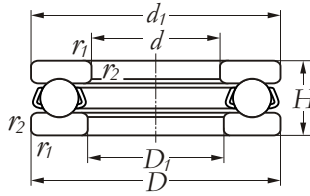


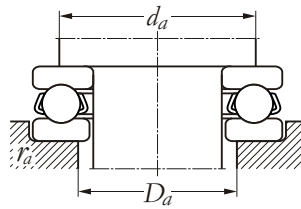


Technical Information



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> mm	dynamic <i>C</i> N	static <i>C<sub>0</sub></i> N		grease r/min	oil r/min	
25	51405	60	24	44200	72000	42	1800	2500	0.34
30	51406	70	28	58200	100000	81	1400	2100	0.52
35	51407	80	32	69600	124800	130	1200	1800	0.76
40	51408	90	36	89600	163200	220	1100	1600	1.10
45	51409	100	39	104000	192000	300	1100	1500	1.40
50	51410	110	43	127200	248000	500	1000	1400	2.00
55	51411	120	48	142400	288000	670	900	1200	2.55
60	51412	130	51	159200	320000	830	700	1100	3.10
65	51413	140	56	172800	360000	1100	700	1000	4.00
70	51414	150	60	259200	400000	1300	600	900	5.00
75	51415	160	65	200800	448000	1600	600	900	6.75
80	51416	170	68	216000	496000	2000	500	800	7.95
85	51417	180	72	228800	544000	2400	500	800	9.45
90	51418	190	77	245600	600000	2900	500	700	11.00
100	51420	210	85	296800	772000	4800	400	600	15.00
110	51422	230	95	328000	912000	6800	400	500	20.00
120	51424	250	102	338400	976000	7700	400	500	25.50
130	51426	270	110	416000	1280000	13000	300	500	32.00
140	51428	280	112	416000	1280000	13000	300	400	34.50
150	51430	300	120	447200	1440000	17000	300	400	42.50





Inner bore $d$ mm	Bearing number	Dimensions			Abutment and fillet dimensions		
		$d_1$	$D_1$	$r_{1,2}$ <i>min</i>	$d_a$ <i>min</i>	$D_a$ <i>max</i>	$r_a$ <i>max</i>
25	51405	60	27	1.0	46	39	1.0
30	51406	70	32	1.0	54	46	1.0
35	51407	80	37	1.1	62	53	1.0
40	51408	90	42	1.1	70	60	1.0
45	51409	100	47	1.1	78	67	1.0
50	51410	110	52	1.5	86	74	1.5
55	51411	120	57	1.5	94	81	1.5
60	51412	130	62	1.5	102	88	1.5
65	51413	140	68	2.0	110	95	2.0
70	51414	150	73	2.0	118	102	2.0
75	51415	160	78	2.0	126	109	2.0
80	51416	170	83	2.1	133	117	2.0
85	51417	177	88	2.1	141	124	2.0
90	51418	187	93	2.1	149	131	2.0
100	51420	205	103	3.0	165	145	2.5
110	51422	225	113	3.0	181	159	2.5
120	51424	245	123	4.0	197	173	3.0
130	51426	265	134	4.0	213	187	3.0
140	51428	275	144	4.0	223	197	3.0
150	51430	295	154	4.0	239	211	3.0

