



Inner bore <i>d</i> mm	Bearing number seating whsher	Principal dimensions		Basic load ratings		Fatigue load limit <i>Pu</i> N	Max runout speed		Mass		
		<i>D</i> mm	<i>H</i> mm	dynamic <i>C</i> N	static <i>Co</i> N		grease oil	r/min	seating whsher kg	kg	
50	53210	U 210	78	23.5	39500	84800	58.0	1600	2300	0.370	0.100
12	53201	U 201	28	11.4	10600	15200	1.9	4200	5600	0.033	0.012
15	53202	U 202	32	13.3	13200	20000	3.3	3700	4900	0.049	0.014
17	53203	U 203	35	13.2	13700	22000	3.9	3500	4600	0.056	0.015
20	53204	U 204	40	14.7	18000	30000	7.3	3100	4200	0.082	0.020
25	53205	U 205	47	16.7	22000	40000	13.0	2800	3700	0.120	0.032
30	53206	U 206	52	17.8	20400	38000	11.0	2500	3300	0.140	0.038
35	53207	U 207	62	19.9	28000	53600	23.0	2100	2800	0.220	0.057
40	53208	U 208	68	20.3	37400	78400	49.0	1900	2600	0.280	0.070
45	53209	U 209	73	21.3	31200	64000	33.0	1800	2500	0.300	0.087
55	53211	U 211	90	27.3	49400	107200	93.0	1300	2900	0.600	0.150
60	53212	U 212	95	28.0	49900	112000	100.0	1300	1900	0.600	0.160
65	53213	U 213	100	28.7	50900	120000	120.0	1200	1800	0.730	0.180
70	53214	U 214	105	28.8	52000	128000	130.0	1200	1800	0.780	0.190
75	53215	U 215	110	28.3	54000	136000	150.0	1100	1600	0.810	0.210
80	53216	U 216	115	29.5	60800	152000	190.0	1100	1600	0.900	0.220
85	53217	U 217	125	33.1	78000	200000	330.0	1100	1500	1.200	0.290
90	53218	U 218	135	38.5	95200	240000	470.0	1000	1400	1.700	0.420
100	53220	U 220	150	40.9	99200	256000	530.0	900	1200	2.200	0.500
110	53222	U 222	160	40.2	104000	288000	670.0	800	1100	2.350	0.560
120	53224	U 224	170	40.8	112000	320000	830.0	700	1100	2.550	0.650
130	53226	U 226	190	47.9	148800	432000	1500.0	600	900	3.950	0.900
140	53228	U 228	200	48.6	152000	456000	1700.0	600	900	4.250	1.200




 THRUST BALL BEARINGS, SINGLE DIRECTION  
 WITH SPHERICAL HOUSING WASHERS


Inner bore <i>d</i> mm	Bearing number seating whsher		Dimensions(mm)									Abutment and fillet dimensions(mm)		
			<i>D</i> <sub>1</sub>	<i>D</i> <sub>2</sub>	<i>D</i> <sub>2</sub>	<i>B</i>	<i>C</i>	<i>H</i> <sub>1</sub>	<i>R</i>	<i>s</i>	<i>r</i> <sub>1,2</sub> <i>max</i>	<i>d</i> <sub>a</sub> <i>min</i>	<i>D</i> <sub>a</sub> <i>max</i>	<i>r</i> <sub>a</sub> <i>max</i>
50	53210	U 210	78	52	62	82	7.5	26	64	32.5	1.0	67	62	1.0
12	53201	U 201	28	14	20	30	3.5	13	25	11.5	0.6	22	20	0.6
15	53202	U 202	32	17	24	35	4.0	15	28	12.0	0.6	25	24	0.6
17	53203	U 203	35	19	26	38	4.0	15	32	16.0	0.6	28	26	0.6
20	53204	U 204	40	22	30	42	5.0	17	36	18.0	0.6	32	30	0.6
25	53205	U 205	47	27	36	50	5.5	19	40	19.0	0.6	38	36	0.6
30	53206	U 206	52	32	42	55	5.5	20	45	22.0	0.6	43	42	0.6
35	53207	U 207	62	37	48	65	7.0	22	50	24.0	1.0	51	48	1.0
40	53208	U 208	68	42	55	72	7.0	23	56	28.5	1.0	57	55	1.0
45	53209	U 209	73	47	60	78	7.5	24	56	26.0	1.0	62	60	1.0
55	53211	U 211	90	57	72	95	9.0	30	72	35.0	1.0	76	72	1.0
60	53212	U 212	95	62	78	100	9.0	31	72	32.5	1.0	81	78	1.0
65	53213	U 213	100	67	82	105	9.0	32	80	40.0	1.0	86	82	1.0
70	53214	U 214	105	72	88	110	9.0	32	80	38.0	1.0	91	88	1.0
75	53215	U 215	110	77	92	115	9.5	32	90	49.0	1.0	96	92	1.0
80	53216	U 216	115	82	98	120	10.0	33	90	46.0	1.0	101	98	1.0
85	53217	U 217	125	88	105	130	11.0	37	100	52.0	1.0	109	105	1.0
90	53218	U 218	135	93	110	140	13.5	42	100	45.0	1.1	117	110	1.0
100	53220	U 220	150	103	125	155	14.0	45	112	52.0	1.1	130	125	1.0
110	53222	U 222	160	113	135	165	14.0	45	125	65.0	1.1	140	135	1.0
120	53224	U 224	170	123	145	175	15.0	46	125	61.0	1.1	150	145	1.0
130	53226	U 226	187	133	160	195	17.0	83	140	67.0	1.5	166	160	1.5
140	53228	U 228	197	143	170	210	17.0	55	160	67.0	1.5	176	170	1.5

