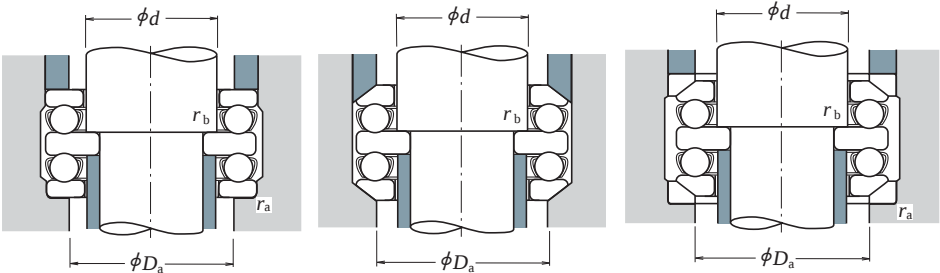
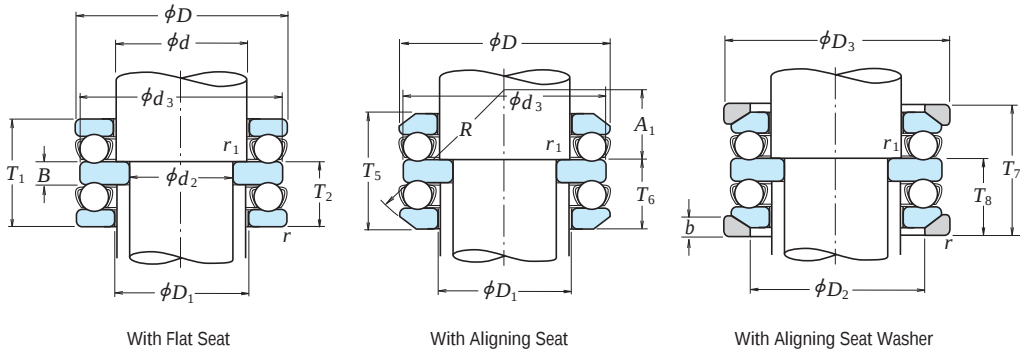


Bore Diameter 10 – 55 mm



Boundary Dimensions (mm)								Basic Load Ratings (N)				Limiting Speeds (min ⁻¹)		Bearing Numbers	
d ₂	d	D	T ₁	T ₅	T ₇	r _{min.}	r _{1 min.}	C _a	C _{0a}	C _a	C _{0a}	Grease	Oil	With Flat Seat	With Aligning Seat
10	15	32	22	24.6	28	0.6	0.3	16 700	24 800	1 710	2 530	4 800	7 100	52202	54202
15	20	40	26	27.4	32	0.6	0.3	22 500	37 500	2 290	3 850	4 000	6 000	52204	54204
	25	60	45	49.8	55	1	0.6	56 000	89 500	5 700	9 100	2 400	3 600	52405	54405
20	25	47	28	31.4	36	0.6	0.3	28 000	50 500	2 860	5 150	3 400	5 300	52205	54205
	25	52	34	37.6	42	1	0.3	36 000	61 500	3 650	6 250	3 000	4 500	52305	54305
	30	70	52	56.2	62	1	0.6	73 000	126 000	7 450	12 800	2 200	3 200	52406	54406
25	30	52	29	32.6	37	0.6	0.3	29 500	58 000	3 000	5 950	3 200	5 000	52206	54206
	30	60	38	41.2	46	1	0.3	43 000	78 500	4 400	8 000	2 600	4 000	52306	54306
	35	80	59	63	69	1.1	0.6	87 500	155 000	8 950	15 800	1 800	2 800	52407	54407
30	35	62	34	37.8	42	1	0.3	39 500	78 000	4 050	7 950	2 800	4 300	52207	54207
	35	68	44	47.2	52	1	0.3	56 000	105 000	5 700	10 700	2 400	3 600	52307	54307
	40	68	36	38.6	44	1	0.6	47 500	98 500	4 850	10 000	2 600	3 800	52208	54208
40	40	78	49	54	59	1	0.6	70 000	135 000	7 100	13 700	2 000	3 000	52308	54308
	40	90	65	69.4	77	1.1	0.6	103 000	188 000	10 500	19 100	1 700	2 400	52408	54408
35	45	73	37	39.6	45	1	0.6	48 000	105 000	4 900	10 700	2 400	3 600	52209	54209
	45	85	52	56.2	62	1	0.6	80 500	163 000	8 200	16 700	1 900	2 800	52309	54309
	45	100	72	78.8	86	1.1	0.6	128 000	246 000	13 000	25 100	1 500	2 200	52409	54409
40	50	78	39	42	47	1	0.6	49 000	111 000	5 000	11 400	2 400	3 400	52210	54210
	50	95	58	64.6	70	1.1	0.6	97 500	202 000	9 950	20 600	1 700	2 600	52310	54310
	50	110	78	83.2	92	1.5	0.6	147 000	288 000	15 000	29 400	1 400	2 000	52410	54410
45	55	90	45	49.6	55	1	0.6	70 000	159 000	7 150	16 200	2 000	3 000	52211	54211
	55	105	64	72.6	78	1.1	0.6	115 000	244 000	11 800	24 900	1 500	2 400	52311	54311
	55	120	87	92	101	1.5	0.6	181 000	350 000	18 500	35 500	1 200	1 800	52411	54411
50	60	95	46	50	56	1	0.6	71 500	169 000	7 300	17 200	1 900	3 000	52212	54212
	60	110	64	70.6	78	1.1	0.6	119 000	263 000	12 100	26 800	1 500	2 200	52312	54312
	60	130	93	99	107	1.5	0.6	202 000	395 000	20 600	40 500	1 100	1 700	52412	54412
	65	140	101	109.4	119	2	1	234 000	495 000	23 800	50 500	1 000	1 600	52413	54413
55	65	100	47	50.4	57	1	0.6	75 500	189 000	7 700	19 200	1 900	2 800	52213	54213
	65	115	65	71.8	79	1.1	0.6	123 000	282 000	12 500	28 700	1 500	2 200	52313	54313
	70	105	47	50.6	57	1	1	74 000	189 000	7 550	19 200	1 800	2 800	52214	54214
	70	125	72	80.4	88	1.1	1	137 000	315 000	14 000	32 000	1 300	2 000	52314	54314
	70	150	107	114.2	125	2	1	252 000	555 000	25 700	56 500	1 000	1 500	52414	54414

With Aligning Seat Washer	Dimensions (mm)												Abutment and Fillet Dimensions (mm)			Mass(kg) approx.		
	d ₃	D ₁	D ₂	D ₃	T ₂	T ₆	T ₈	B	b	A ₁	R	D _a max.	r _a max.	r _b max.	With Flat Seat	With Aligning Seat	With Aligning Seat Washer	
54202 U	32	17	24	35	13.5	14.8	16.5	5	4	10.5	28	24	0.6	0.3	0.081	0.090	0.113	
54204 U	40	22	30	42	16	16.7	19	6	5	16	36	30	0.6	0.3	0.148	0.151	0.185	
54405 U	60	27	42	62	28	30.4	33	11	8	15	50	42	1	0.6	0.641	0.68	0.825	
54205 U	47	27	36	50	17.5	19.2	21.5	7	5.5	16.5	40	36	0.6	0.3	0.213	0.236	0.293	
54305 U	52	27	38	55	21	22.8	25	8	6	18	45	38	1	0.3	0.324	0.35	0.434	
54406 U	70	32	50	75	32	34.1	37	12	9	16	56	50	1	0.6	0.978	1.01	1.27	
54206 U	52	32	42	55	18	19.8	22	7	5.5	20	45	42	0.6	0.3	0.254	0.288	0.345	
54306 U	60	32	45	62	23.5	25.1	27.5	9	7	19.5	50	45	1	0.3	0.483	0.511	0.621	
54407 U	80	37	58	85	36.5	38.5	41.5	14	10	18.5	64	58	1	0.6	1.43	1.47	1.83	
54207 U	62	37	48	65	21	22.9	25	8	7	21	50	48	1	0.3	0.406	0.447	0.57	
54307 U	68	37	52	72	27	28.6	31	10	7.5	21	56	52	1	0.3	0.71	0.744	0.915	
54208 U	68	42	55	72	22.5	23.8	26.5	9	7	25	56	55	1	0.6	0.543	0.581	0.713	
54308 U	78	42	60	82	30.5	33	35.5	12	8.5	23.5	64	60	1	0.6	1.04	1.13	1.38	
54408 U	90	42	65	95	40	42.2	46	15	12	22	72	65	1	0.6	1.98	2.02	2.54	
54209 U	73	47	60	78	23	24.3	27	9	7.5	23	56	60	1	0.6	0.606	0.652	0.823	
54309 U	85	47	65	90	32	34.1	37	12	10	21	64	65	1	0.6	1.28	1.34	1.71	
54409 U	100	47	72	105	44.5	47.9	51.5	17	12.5	23.5	80	72	1	0.6	2.71	2.85	3.53	
54210 U	78	52	62	82	24	25.5	28	9	7.5	30.5	64	62	1	0.6	0.697	0.75	0.949	
54310 U	95	52	72	100	36	39.3	42	14	11	23	72	72	1	0.6	1.78	1.94	2.46	
54410 U	110	52	80	115	48	50.6	55	18	14	30	90	80	1.5	0.6	3.51	3.59	4.45	
54211 U	90	57	72	95	27.5	29.8	32.5	10	9	32.5	72	72	1	0.6	1.11	1.22	1.55	
54311 U	105	57	80	110	39.5	43.8	46.5	15	11.5	25.5	80	80	1	0.6	2.43	2.7	3.35	
54411 U	120	57	88	125	53.5	56	60.5	20	15.5	22.5	90	88	1.5	0.6	4.66	4.68	5.82	
54212 U	95	62	78	100	28	30	33	10	9	30.5	72	78	1	0.6	1.22	1.33	1.66	
54312 U	110	62	85	115	39.5	42.8	46.5	15	11.5	36.5	90	85	1	0.6	2.59	2.82	3.45	
54412 U	130	62	95	135	57	60	64	21	16	28	100	95	1.5	0.6	5.74	5.82	7.24	
54413 U	140	68	100	145	62	66.2	71	23	17.5	34	112	100	2	1	7.41	7.66	9.47	
54213 U	100	67	82	105	28.5	30.2	33.5	10	9	38.5	80	82	1	0.6	1.34	1.45	1.81	
54313 U	115	67	90	120	40	43.4	47	15	12.5	34.5	90	90	1	0.6	2.8	3.06	3.8	
54214 U	105	72	88	110	28.5	30.3	33.5	10	9	36.5	80	88	1	1	1.44	1.59	1.95	
54314 U	125	72	98	130	44	48.2	52	16	13	39	100	98	1	1	3.67	4.07	4.95	
54414 U	150	73	110	155	65.5	69.1	74.5	24	19.5	28.5	112	110	2	1	8.99	9.12	11.3	