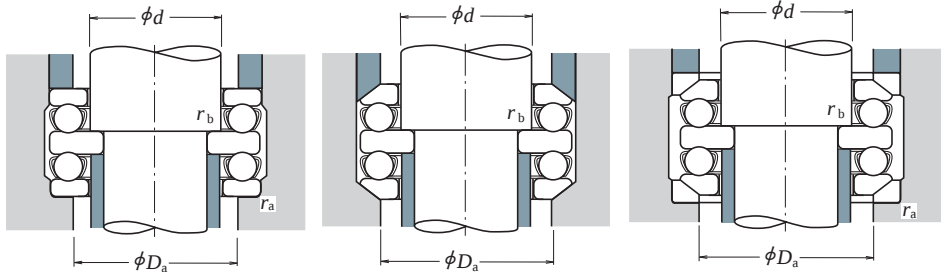
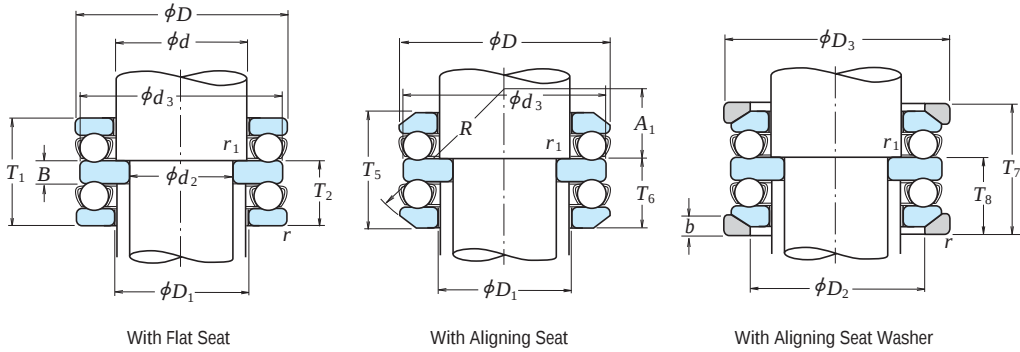


Bore Diameter 60 – 130 mm



Boundary Dimensions (mm)								Basic Load Ratings (N) {kgf}				Limiting Speeds (min ⁻¹)		Bearing Numbers ⁽¹⁾	
<i>d</i> ₂	<i>d</i>	<i>D</i>	<i>T</i> ₁	<i>T</i> ₅	<i>T</i> ₇	<i>r</i> min.	<i>r</i> ₁ min.	<i>C</i> _a	<i>C</i> _{0a}	<i>C</i> _a	<i>C</i> _{0a}	Grease	Oil	With Flat Seat	With Aligning Seat
60	75	110	47	49.6	57	1	1	78 000	209 000	7 950	21 300	1 800	2 600	52215	54215
	75	135	79	87.2	95	1.5	1	159 000	365 000	16 200	37 500	1 200	1 800	52315	54315
	75	160	115	123	135	2	1	254 000	560 000	25 900	57 000	900	1 400	52415	54415
65	80	115	48	51	58	1	1	79 000	218 000	8 050	22 300	1 700	2 600	52216	54216
	80	140	79	86.2	95	1.5	1	164 000	395 000	16 700	40 000	1 200	1 800	52316	54316
	80	170	120	128.4	140	2.1	1	272 000	620 000	27 800	63 500	850	1 300	52416	54416
	85	180	128	138	150	2.1	1.1	310 000	755 000	31 500	77 000	800	1 200	52417 X	54417 X
70	85	125	55	59.2	67	1	1	96 000	264 000	9 800	26 900	1 500	2 200	52217	54217
	85	150	87	95.2	105	1.5	1	207 000	490 000	21 100	50 000	1 100	1 600	52317	54317
	90	190	135	143.4	157	2.1	1.1	330 000	825 000	33 500	84 000	750	1 100	52418 X	54418 X
75	90	135	62	69	76	1.1	1	114 000	310 000	11 600	31 500	1 400	2 000	52218	54218
	90	155	88	97.2	106	1.5	1	214 000	525 000	21 900	53 500	1 100	1 600	52318	54318
80	100	210	150	160	176	3	1.1	370 000	985 000	38 000	100 000	670	1 000	52420 X	54420 X
85	100	150	67	72.8	81	1.1	1	135 000	375 000	13 700	38 500	1 300	1 900	52220	54220
	100	170	97	105.4	115	1.5	1	239 000	595 000	24 300	61 000	950	1 500	52320	54320
90	110	230	166	—	—	3	1.1	415 000	1 150 000	42 000	118 000	600	900	52422 X	—
95	110	160	67	71.4	81	1.1	1	136 000	395 000	13 900	40 000	1 200	1 800	52222	54222
	110	190	110	118.4	128	2	1	282 000	755 000	28 800	77 000	850	1 300	52322 X	54322 X
	120	250	177	—	—	4	1.5	515 000	1 540 000	52 500	157 000	560	850	52424 X	—
100	120	170	68	71.6	82	1.1	1.1	141 000	430 000	14 400	44 000	1 200	1 800	52224	54224
	120	210	123	131.2	143	2.1	1.1	330 000	930 000	33 500	95 000	750	1 100	52324 X	54324 X
	130	270	192	—	—	4	1.5	525 000	1 590 000	53 500	162 000	530	800	52426 X	—
110	130	190	80	85.8	96	1.5	1.1	183 000	550 000	18 700	56 000	1 000	1 500	52226 X	54226 X
	130	225	130	—	—	2.1	1.1	350 000	1 030 000	35 500	105 000	710	1 100	52326 X	—
	140	280	196	—	—	4	1.5	550 000	1 750 000	56 500	178 000	500	750	52428 X	—
120	140	200	81	86.2	99	1.5	1.1	186 000	575 000	18 900	59 000	1 000	1 500	52228 X	54228 X
	140	240	140	—	—	2.1	1.1	370 000	1 130 000	37 500	115 000	670	1 000	52328 X	—
	150	300	209	—	—	4	2	620 000	2 010 000	63 000	205 000	480	710	52430 X	—
130	150	215	89	95.6	109	1.5	1.1	238 000	735 000	24 300	75 000	900	1 300	52230 X	54230 X
	150	250	140	—	—	2.1	1.1	380 000	1 200 000	39 000	123 000	630	950	52330 X	—
	160	320	226	—	—	5	2	650 000	2 210 000	66 000	226 000	430	630	52432 X	—

Note ⁽¹⁾ The outside diameter d_3 of the central washers of all bearing numbers marked X is smaller than the outside diameter D of the housing washers.

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	
54215 U	110	77	92	115	28.5	29.8	33.5	10	9.5	47.5	90	92	1	1	1.54	1.66	2.06	
54315 U	135	77	105	140	48.5	52.6	56.5	18	15	32.5	100	105	1.5	1	4.74	5.14	6.38	
54415 U	160	78	115	165	70.5	74.5	80.5	26	21	36.5	125	115	2	1	10.8	11	13.7	
54216 U	115	82	98	120	29	30.5	34	10	10	45	90	98	1	1	1.66	1.78	2.21	
54316 U	140	82	110	145	48.5	52.1	56.5	18	15	45.5	112	110	1.5	1	4.99	5.39	6.61	
54416 U	170	83	125	175	73.5	77.7	83.5	27	22	30.5	125	125	2	1	12.6	12.8	16	
54417 XU	179.5	88	130	185	78.5	83.5	89.5	29	23	40.5	140	130	2	1	15.4	15.8	19.5	
54217 U	125	88	105	130	33.5	35.6	39.5	12	11	49.5	100	105	1	1	2.26	2.45	3.02	
54317 U	150	88	115	155	53	57.1	62	19	17.5	39	112	115	1.5	1	6.38	6.8	10.5	
54418 XU	189.5	93	140	195	82.5	86.7	93.5	30	25.5	34.5	140	140	2	1	17.5	18.1	22.5	
54218 U	135	93	110	140	38	41.5	45	14	13.5	42	100	110	1	1	3.09	3.42	4.39	
54318 U	155	93	120	160	53.5	58.1	62.5	19	18	36.5	112	120	1.5	1	6.79	7.33	9.29	
54420 XU	209.5	103	155	220	91.5	96.5	104.5	33	27	43.5	160	155	2.5	1	26.8	27.2	33.4	
54220 U	150	103	125	155	41	43.9	48	15	14	49	112	125	1	1	4.08	4.54	5.64	
54320 U	170	103	135	175	59	63.2	68	21	18	42	125	135	1.5	1	8.82	9.47	11.6	
—	229	113	—	—	101.5	—	—	37	—	—	—	159	2.5	1	35.6	—	—	
54222 U	160	113	135	165	41	43.2	48	15	14	62	125	135	1	1	4.39	4.83	5.94	
54322 XU	189.5	113	150	195	67	71.2	76	24	20.5	47	140	150	2	1	12.7	13.5	16.6	
—	249	123	—	—	108.5	—	—	40	—	—	—	174	3	1.5	47.6	—	—	
54224 U	170	123	145	175	41.5	43.3	48.5	15	15	58.5	125	145	1	1	4.92	5.4	6.68	
54324 XU	209.5	123	165	220	75	79.1	85	27	22	58	160	165	2	1	17.6	16.4	22.9	
—	269	134	—	—	117	—	—	42	—	—	—	188	3	1.5	57.8	—	—	
54226 XU	189.5	133	160	195	49	51.9	57	18	17	63	140	160	1.5	1	7.43	8.24	10.2	
—	224	134	—	—	80	—	—	30	—	—	—	169	2	1	21.5	—	—	
—	279	144	—	—	120	—	—	44	—	—	—	198	3	1.5	62.4	—	—	
54228 XU	199.5	143	170	210	49.5	52.1	58.5	18	17	83.5	160	170	1.5	1	8.01	8.87	11.2	
—	239	144	—	—	85.5	—	—	31	—	—	—	181	2	1	24.8	—	—	
—	299	153	—	—	127.5	—	—	46	—	—	—	212	3	2	77.8	—	—	
54230 XU	214.5	153	180	225	54.5	57.8	64.5	20	20.5	74.5	160	180	1.5	1	10.4	11.5	15	
—	249	154	—	—	85.5	—	—	31	—	—	—	191	2	1	30.3	—	—	
—	319	164	—	—	138	—	—	50	—	—	—	226	4	2	93.6	—	—	