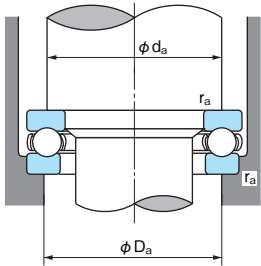
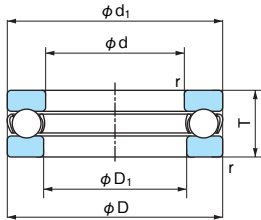


Single-direction Thrust Ball Bearings
Inch Series
Series O
Bore Diameter: 9.525~152.400mm



Boundary dimensions (mm)				Bearing No.	Basic dynamic load rating Ca (N)	Basic static load rating Coa (N)	Limiting speed (min ⁻¹)			Dimensions (mm)		Abutment and fillet dimensions (mm)			Mass (kg) Reference	Bearing No.
d	D	T	r (min)				Grease lubrication	Oil lubrication		D ₁ (min)	d ₁ (max)	d _a (min)	D _a (max)	r _a (max)		
9.525	25.400	13.494	0.8	O - 3	11800	15200	5400	8100		9.925	24.606	19.1	15.9	0.8	0.036	O - 3
12.700	32.544	15.875	0.8	O - 4	18600	25100	4300	6500		13.097	31.750	24.6	20.6	0.8	0.077	O - 4
15.875	35.719	15.875	0.8	O - 5	19400	28300	4100	6200		16.272	34.925	27.8	23.8	0.8	0.086	O - 5
19.050	38.894	15.875	0.8	O - 6	21400	34500	4000	6000		19.447	38.100	29	26	0.8	0.095	O - 6
22.225	42.069	15.875	0.8	O - 7	21900	37500	3800	5800		22.622	41.275	34	30	0.8	0.100	O - 7
25.400	45.244	15.875	1.6	O - 8	22500	41000	3700	5500		25.797	44.450	37	33	0.8	0.110	O - 8
28.575	48.419	15.875	1.6	O - 9	24100	47000	3600	5400		28.972	47.625	40	37	0.8	0.128	O - 9
31.750	53.181	18.256	1.6	O -10	27900	54500	3200	4800		32.147	52.388	45	40	0.8	0.164	O -10
34.925	56.356	18.256	1.6	O -11	28600	58000	3100	4600		35.322	55.562	48	43	0.8	0.186	O -11
38.100	59.531	18.256	1.6	O -12	30500	66000	3000	4500		38.497	58.738	51	47	1	0.200	O -12
41.275	62.706	18.256	1.6	O -13	26700	63000	2900	4400		41.672	61.912	54	50	1	0.210	O -13
44.450	68.262	19.050	1.6	O -14	32500	77500	2700	4100		44.847	67.469	59	54	1	0.260	O -14
47.625	71.438	19.050	1.6	O -15	37500	89000	2700	4000		48.021	70.644	62	57	1	0.285	O -15
50.800	75.406	19.050	2.4	O -16	38000	94000	2600	3900		51.594	74.613	66	61	1	0.300	O -16
53.975	81.756	22.225	2.4	O -17	49500	118000	2300	3500		54.769	80.962	71	65	1.6	0.405	O -17
57.150	84.931	22.225	2.4	O -18	50500	125000	2300	3400		57.944	84.138	74	68	1.6	0.450	O -18
60.325	91.281	25.400	2.4	O -19	58000	145000	2000	3100		61.119	90.488	79	73	1.6	0.590	O -19
63.500	94.456	25.400	2.4	O -20	59500	152000	2000	3000		64.294	93.662	82	76	1.6	0.610	O -20
66.675	97.631	25.400	2.4	O -21	60500	160000	2000	3000		67.469	96.838	85	79	1.6	0.660	O -21
69.850	102.394	25.400	2.4	O -22	71500	179000	1900	2900		70.644	101.600	89	83	1.6	0.700	O -22
73.025	105.569	25.400	2.4	O -23	75500	199000	1900	2800		73.819	104.775	93	86	1.6	0.730	O -23
76.200	111.125	28.575	3.2	O -24	77000	209000	1700	2600		77.788	109.538	97	90	2	0.900	O -24
82.550	122.238	31.750	3.2	O -26	97500	252000	1600	2400		84.138	120.650	106	98	2	1.30	O -26
88.900	128.588	31.750	3.2	O -28	99000	266000	1500	2300		90.488	127.000	113	105	2	1.32	O -28
95.250	134.938	31.750	3.2	O -30	98500	289000	1500	2200		96.838	133.350	119	111	2	1.36	O -30
101.600	147.638	34.925	3.2	O -32	113000	310000	1300	2000		103.188	146.050	129	120	2	1.88	O -32
114.300	166.688	44.450	4.8	O -36	157000	435000	1100	1700		115.888	165.100	146	135	3	3.18	O -36
127.000	185.738	50.800	4.8	O -40	193000	545000	1000	1500		128.588	184.150	162	150	3	4.54	O -40
139.700	204.788	55.562	4.8	O -44	248000	715000	910	1300		141.288	203.200	179	166	3	5.90	O -44
152.400	220.662	60.325	4.8	O -48	269000	805000	830	1200		153.988	219.075	193	180	3	7.25	O -48