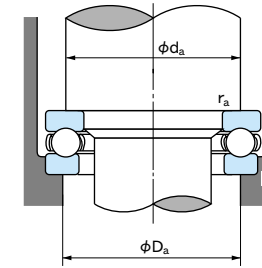
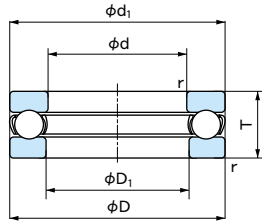


Single-direction Thrust Ball Bearings

Inch Series

Series O

Bore Diameter : 9.525~152.400mm



1N=0.102kgf

Boundary dimensions (mm)				Bearing No.	Basic dynamic load rating Ca (N)	Basic static load rating Coa (N)	Limiting speed (rpm)		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