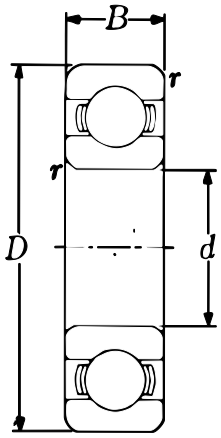
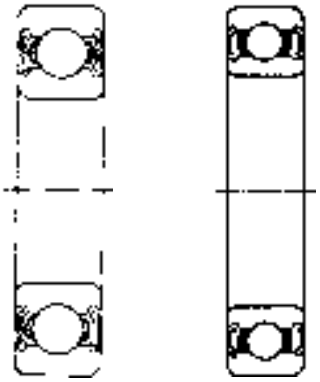
NTN

SERIES 64

Units: **INCHES**
Millimeters



Open Type
64



Double Sealed
64LLB
(Contact Type)

Double
Shielded
64ZZ

SINGLE ROW RADIAL BALL BEARINGS

Bearing Number	Bore d	O. D. D	Width B	Fillet Radius r	Basic Load Ratings (lbs) Dynamic C	Basic Load Ratings (lbs) Static C_0	Weight (lbs)	Limiting Speed (RPM) Grease	Limiting Speed (RPM) Oil	Limiting Speed (RPM) LU,LLU	Bore Dia. No.
6403	.6693 17	2.4409 62	.6693 17	.043 1.1	5,100	2,420	.595	14,000	16,000	9,500	03
6404	.7874 20	2.8346 72	.7480 19	.043 1.1	6,400	3,150	.882	12,000	14,000	8,000	04
6405	.9843 25	3.1496 80	.8268 21	.059 1.5	7,800	3,950	1.17	10,000	12,000	6,900	05
6406	1.1811 30	3.5433 90	.9055 23	.059 1.5	9,750	5,350	1.62	8,800	10,000	5,800	06
6407	1.3780 35	3.9370 100	.9843 25	.059 1.5	12,400	7,000	2.10	7,800	9,100	5,100	07
6408	1.5748 40	4.3307 110	1.0630 27	.079 2.0	14,300	8,200	2.71	7,000	8,200	4,700	08
6409	1.7717 45	4.7244 120	1.1417 29	.079 2.0	17,300	10,100	3.37	6,300	7,400	4,300	09
6410	1.9685 50	5.1181 130	1.2205 31	.083 2.1	18,700	11,100	4.14	5,700	6,700	—	10
6411	2.1654 55	5.5118 140	1.2992 33	.083 2.1	20,000	12,100	5.05	5,200	6,100	—	11
6412	2.3622 60	5.9055 150	1.3780 35	.083 2.1	22,900	14,400	6.11	4,800	5,700	—	12
6413	2.5591 65	6.2992 160	1.4567 37	.083 2.1	24,900	16,200	7.28	4,400	5,200	—	13
6414	2.7559 70	7.0866 180	1.6535 42	.118 3.0	28,800	20,100	10.6	4,100	4,800	—	14
6415	2.9528 75	7.4803 190	1.7717 45	.118 3.0	31,000	22,300	12.6	3,800	4,500	—	15
6416	3.1496 80	7.8740 200	1.8898 48	.118 3.0	37,000	28,200	14.9	3,600	4,200	—	16
6417	3.3465 85	8.2677 210	2.0472 52	.157 4.0	37,000	28,700	17.5	3,400	4,000	—	17
6418	3.5433 90	8.8583 225	2.1260 54	.157 4.0	41,500	33,500	25.1	3,200	3,800	—	18
6419	3.7402 95	9.4488 240	2.1654 55	.157 4.0	42,000	34,500	29.5	3,000	3,500	—	19
6420	3.9370 100	9.8425 250	2.2835 58	.157 4.0	46,000	39,500	33.1	2,900	3,400	—	20
6421	4.1339 105	10.2362 260	2.3622 60	.157 4.0	46,500	40,000	37.0	2,700	3,200	—	21
6422	4.3307 110	11.0236 280	2.5591 65	.157 4.0	55,500	51,000	47.0	2,600	3,000	—	22
6424	4.7244 120	12.2047 310	2.8346 72	.197 5.0	65,500	64,500	63.9	2,300	2,800	—	24
6426	5.1181 130	13.3858 340	3.0709 78	.197 5.0	68,000	67,000	83.8	2,200	2,500	—	26