



Spherical Roller Bearings



This version supersedes all previously published versions. All the bearing mentioned in this catalogue are manufactured with normal tolerance class. We can, however, supply other class bearing against specific requirement.

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2 WHEELERS



3 WHEELERS



4 WHEELERS



TRACTORS



LCV, HCV



INDUSTRIES



RAILWAYS



AEROSPACE



WINNER
DERIVING GRAND PRIZE

Products from NBC

Founded in 1946, NBC is India's first bearings manufacturer and the last word in quality and durability. In 2020, the company acquired leading European manufacturer, Kinex Bearings to further boost its expertise.

75 years since its beginning, NBC remains India's leading bearings manufacturer and exporter. NBC is also the world's only bearings manufacturer to receive the prestigious Deming Grand Prize for Total Quality Management.



Since the challenges faced by industry are many, NBC offers a diverse range of exceptional bearings. NBC bearings are available in sizes from 04 mm bore to 2000 mm outer diameter.



* Products with special features like high temperature application, special heat treatment, coated roller/faces and cage options are also available across product range.

25 Conversion Table

CONVERSION TABLE

INCHES TO MILLIMETERS FRACTIONS

Inches	Inches (fraction)	mm	Inches	Inches (fraction)	mm
	1/64	.015625 .3969		33/64	.515626 13.0969
	1/32	.03125 .7937		17/32	.53125 13.4937
	3/64	.046875 1.1906		35/64	.546875 13.8906
1/16		.0625 1.5875	9/16		.5625 14.2875
	5/64	.078125 1.9844		37/64	.578125 14.6844
	3/32	.09375 2.3812		19/32	.59375 15.0812
	7/64	.109375 2.7781		39/64	.609375 15.4781
1/8		.125 3.1750	5/8		.625 15.8750
		.140625 3.5719		41/64	.640625 16.2719
	5/32	.15825 3.9687		21/32	.65625 16.6637
	11/64	.171875 4.3658		43/64	.671875 17.0656
3/16		.1875 4.7625	11/16		.6875 17.4625
	13/64	.201325 5.1594		45/64	.703125 17.8594
	7/32	.21875 5.5562		23/32	.71875 18.2562
	15/64	.234375 5.9531		47/64	.734375 18.6531
1/4		.25 6.3500	3/4		.75 19.0500
	17/64	.255625 6.7469		49/64	.765625 19.4469
	9/32	.28125 7.1437		25/32	.78125 19.8437
	19/64	.296875 7.5408		51/64	.796875 20.2406
5/16		.3125 7.9375	13/16		.8125 20.6375
	21/64	.328125 8.3344		53/64	.828125 21.0344
	11/32	.34375 8.7312		27/32	.84375 21.4312
	23/64	.359375 9.1281		55/64	.859375 21.8281
3/8		.375 9.5250	7/8		.875 22.2250
	25/64	.390625 9.9219		57/64	.890625 22.6219
	13/32	.40625 10.3187		29/32	.90625 23.0187
	27/64	.421875 10.7156		59/64	.921875 23.4156
7/16		.4375 11.1125	15/16		.9375 23.8125
	29/64	.413125 11.5094		61/64	.953125 24.2094
	15/32	.46875 11.9062		31/32	.96875 24.6062
	31/64	.484375 12.3030		63/64	.984375 25.0031
1/2		.5 12.7000			

MILLIMETERS TO INCHES UNITS.

mm	10	20	30	40	50	60	70	80	90
0	.39370	.78740	1.18110	1.57480	1.96851	2.36221	2.75591	3.14961	3.54331
1	.43360	.82677	1.22047	1.61417	2.00788	2.40158	2.79528	3.18898	3.58288
2	.47244	.86614	1.25984	1.65354	2.044.95	2.83465	3.22835	3.62205	3.62205
3	.51181	.90551	1.29921	2.08662	2.08662	2.48034	2.87402	3.26772	3.66142
4	.55118	.94488	1.33858	1.73228	2.12599	2.15969	2.91339	3.30709	3.70079
5	.59055	.98425	1.37795	1.77165	2.16536	2.55906	2.95276	3.34646	3.74016
6	.62992	1.02362	1.41732	1.81103	2.20473	2.59843	2.99213	3.38583	3.77953
7	.66929	1.06299	1.45669	1.85040	2.24410	2.63780	3.03150	3.42520	3.81890
8	.70866	1.10236	1.49606	1.88977	2.28347	2.67717	3.07087	3.46457	3.85827
9	.74803	1.14173	1.53543	1.92914	2.32284	2.71654	3.11024	3.50395	3.89764

CONVERSION TABLES.

MILLIMETERS TO INCHES UNITS.

mm	100	200	300	400	500	600	700	800	900
0	3.93701	7.87402	11.8110	15.7480	19.6851	23.6221	27.5591	31.4961	35.4331
10	4.33071	8.26772	12.2047	16.1417	20.0788	24.0158	27.9528	31.8898	35.8268
20	4.72441	8.66142	12.5984	16.5354	20.4725	24.4095	28.3465	32.2835	36.2205
30	5.11811	9.05513	12.9921	16.9291	20.8662	24.8032	28.7402	32.6772	36.6142
40	5.51181	9.44883	13.3858	17.3228	21.2599	25.1969	29.1339	33.0709	37.0079
50	5.90552	9.84252	13.7795	17.7165	21.6536	25.5906	29.5276	33.4646	37.4016
60	6.29922	10.2362	14.1732	18.1103	22.0473	25.9843	29.9213	33.8583	37.7953
70	6.69292	10.6299	14.5669	18.5040	22.4410	26.3780	30.3150	34.2520	38.1890
80	7.08662	11.0236	14.9606	18.8977	22.8347	26.7717	30.7087	34.6457	38.5827
90	7.48032	11.4173	15.3543	19.2914	23.2284	27.1654	31.1024	35.0394	38.9764

FRACTIONS

mm	Inch	mm	Inch	mm	Inch
0.001	.000039	0.01	.00039	0.1	.0039
0.002	.000079	0.02	.00079	0.2	.0079
0.003	.000118	0.03	.00118	0.3	.0118
0.004	.000157	0.04	.00157	0.4	.0157
0.005	.000197	0.05	.00197	0.5	.0197
0.006	.000236	0.06	.00236	0.6	.0236
0.007	.000276	0.07	.00276	0.7	.0276
0.008	.000315	0.08	.00315	0.8	.0315
0.009	.000354	0.09	.00354	0.9	.0354

Inch	mm	Inch	mm	Inch	mm
0.001	.0254	0.01	0.254	0.1	2.54
0.002	.0508	0.02	0.508	0.2	5.08
0.003	.0762	0.03	0.762	0.3	7.62
0.004	.1016	0.04	1.016	0.4	10.16
0.005	.1270	0.05	1.270	0.5	12.70
0.006	.1524	0.06	1.524	0.6	15.24
0.007	.1778	0.07	1.778	0.7	17.78
0.008	.2032	0.08	2.032	0.8	20.32
0.009	.2286	0.09	2.286	0.9	22.86

Inch	mm		
	10	20	30
0	254.0	508.0	762.0
1	25.4	279.4	533.4
2	50.8	304.8	558.8
3	76.2	330.2	584.2
4	101.6	355.6	609.6
5	127.0	381.0	635.0
6	152.4	406.4	660.4
7	177.8	431.8	685.8
8	203.2	457.2	711.2
9	228.6	482.6	736.6