

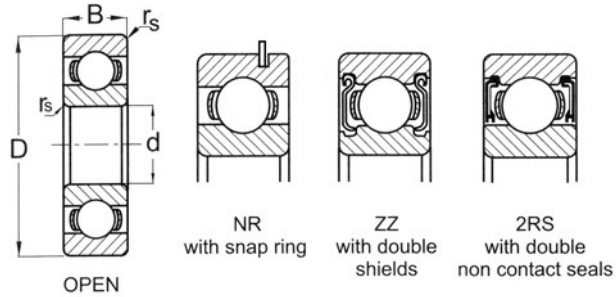


# BALL BEARINGS



## DEEP GROOVE BALL BEARINGS

Inch Size  
1600 Series



Boundary Dimensions								Basic load ratings (N)		Mass (kg) open type	Bearings No. open type
d		D		B		r smin		dynamic Cr	static Cor		
In.	mm	In.	mm	In.	mm	In.	mm				
3/16	4.762	11/16	17.462	*1/4	6.350	0.012	0.3	1 510	720	0.007	1601
1/4	6.350	11/16	17.462	*1/4	6.350	0.012	0.3	1 510	720	0.006	1602
5/16	7.938	7/8	22.225	**9/32	7.144	0.012	0.3	2 540	1 340	0.010	1603
3/8	9.525	7/8	22.225	**9/32	7.144	0.015	0.4	2 540	1 340	0.015	1604
5/16	7.938	29/32	23.019	5/16	7.938	0.012	0.3	2 540	1 340	0.012	1605
3/8	9.525	29/32	23.019	5/16	7.938	0.015	0.4	2 540	1 340	0.014	1606
7/16	11.112	29/32	23.019	5/16	7.938	0.015	0.4	3 550	1 930	0.016	1607
3/8	9.525	1-1/8	28.575	3/8	9.525	0.025	0.6	3 920	2 240	0.035	1614
7/16	11.112	1-1/8	28.575	3/8	9.525	0.025	0.6	3 920	2 240	0.032	1615
1/2	12.700	1-1/8	28.575	3/8	9.525	0.025	0.6	3 920	2 240	0.030	1616
7/16	11.112	1-3/8	34.925	7/16	11.112	0.025	0.6	5 880	3 470	0.050	1620
1/2	12.700	1-3/8	34.925	7/16	11.112	0.025	0.6	5 880	3 470	0.048	1621
9/16	14.288	1-3/8	34.925	7/16	11.112	0.025	0.6	5 880	3 470	0.046	1622
5/8	15.875	1-3/8	34.925	7/16	11.112	0.025	0.6	5 880	3 470	0.040	1623
5/8	15.875	1-5/8	41.275	1/2	12.700	0.025	0.6	7 230	4 440	0.072	1628
3/4	19.050	1-5/8	41.275	1/2	12.700	0.025	0.6	7 230	4 440	0.065	1630
5/8	15.875	1-3/4	44.450	1/2	12.700	0.025	0.6	7 230	4 440	0.090	1633
3/4	19.050	1-3/4	44.450	1/2	12.700	0.025	0.6	7 230	4 440	0.085	1635
3/4	19.050	2	50.800	9/16	14.288	0.035	0.9	10 780	6 940	0.120	1638
7/8	22.225	2	50.800	9/16	14.288	0.035	0.9	10 780	6 940	0.110	1640
1	25.400	2	50.800	9/16	14.288	0.035	0.9	10 780	6 940	0.100	1641
1-1/8	28.575	2-1/2	63.500	5/8	15.875	0.035	0.9	12 800	8 400	0.210	1652
1-1/4	31.750	2-1/2	63.500	5/8	15.875	0.035	0.9	12 800	8 400	0.190	1654
1-1/4	31.750	2-9/16	65.088	11/16	17.462	0.035	0.9	14 970	10 000	0.220	1657
1-5/16	33.338	2-9/16	65.088	11/16	17.462	0.035	0.9	14 970	10 000	0.200	1658

\* Width sealed=5/16 in.

\*\* Width sealed=11/32 in.