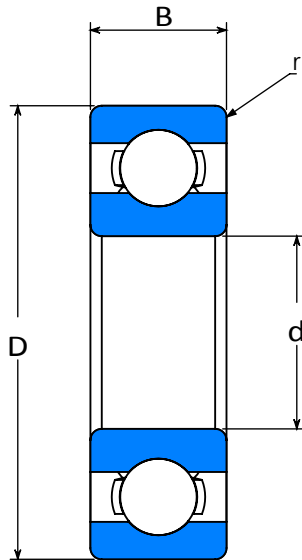
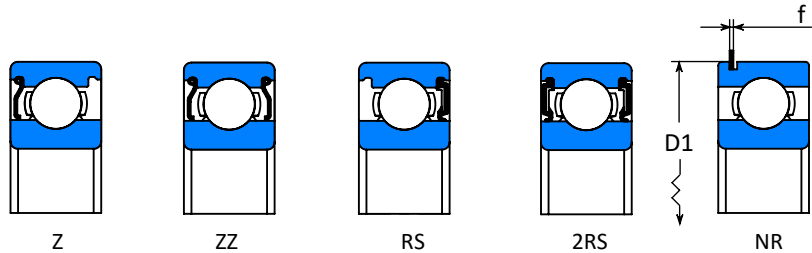


Single Row Radial Ball Bearing

1600 Inch Series



- Ring Material:** Standard AISI 52100 or 440C stainless steel equivalent.
- Ball Material:** Silicon nitride (SiN4) ceramic balls are available upon request.
- Closures:** Open, shields, and seals.
- Seal materials:** NBR, EPDM, ACM, FKM and Silicone
- Seal contact type:** Non-contact, light, standard and tight contact
- Cage Design:** Crimped steel ribbon, crown steel cage, molded plastic cage, etc.
- Radial clearance:** C0 to C5, or as specified by the customer
- Precision level:** Abec 1 to Abec 5
- Bearing noise level:** Standard (i.e. Z1 or V1) to EMQ (Electric Motor Quality)
- Lubricant:** special low noise and low/high temperature are available as needed



Bearing No.	Dimensions are in inch						Basic Load Rating (lbf)		Weight (lbs)
	Bore d	Outer Ring D	Snap Ring Dimension		Width W	Radius r*	Dynamic Cr	Static Cor	
			D1 max	f max					
1601	0.1875	0.6875	0.728	0.028	0.2500~	0.012	350	167	0.01
1602	0.2500	0.6875	0.728	0.028	0.2500~	0.012	350	167	0.01
1603	0.3125	0.8750	0.988	0.028	0.2812~~	0.012	686	310	0.01
1604	0.3750	0.8750	0.988	0.028	0.2812~~	0.015	686	310	0.01
1605	0.3125	0.9062	1.063	0.028	0.3125	0.012	725	318	0.01
1606	0.3750	0.9062	1.063	0.028	0.3125	0.015	725	318	0.01
1607	0.4375	0.9062	1.063	0.028	0.3125	0.015	725	318	0.01
1614	0.3750	1.1250	1.213	0.033	0.3750	0.025	885	501	0.02
1615	0.4375	1.1250	1.213	0.033	0.3750	0.025	885	501	0.02
1616	0.5000	1.1250	1.213	0.033	0.3750	0.025	885	501	0.02
1620	0.4375	1.3750	1.563	0.044	0.4375	0.025	1038	626	0.02
1621	0.5000	1.3750	1.563	0.044	0.4375	0.025	1038	626	0.02
1622	0.5625	1.3750	1.563	0.044	0.4375	0.025	1038	626	0.02
1623	0.6250	1.3750	1.563	0.044	0.4375	0.025	1038	626	0.02
1628	0.6250	1.6250	1.823	0.044	0.5000	0.025	1848	1055	0.02
1630	0.7500	1.6250	1.823	0.044	0.5000	0.025	2320	1055	0.02
1633	0.6250	1.7500	1.902	0.044	0.5000	0.025	1848	1055	0.02
1635	0.7500	1.7500	1.902	0.044	0.5000	0.025	1848	1055	0.02
1638	0.7500	2.0000	2.193	0.044	0.5625	0.035	1958	1165	0.03
1640	0.8750	2.0000	2.193	0.044	0.5625	0.035	1958	1165	0.03
1641	1.0000	2.0000	2.193	0.044	0.5625	0.035	1958	1165	0.03
1652	1.1250	2.5000	2.665	0.067	0.6250	0.035	2592	1735	0.03
1654	1.2500	2.5000	2.665	0.067	0.6250	0.035	2592	1735	0.03
1657	1.2500	2.5625	2.783	0.067	0.6875	0.035	3362	2317	0.03
1658	1.3125	2.5625	2.783	0.067	0.6875	0.035	3362	2244	0.03

*Maximum fillet which corner radius of bearing will clear

~Width 5/8 inch for RS and 2RS. ~~ Width 11/32 inch for RS and 2RS