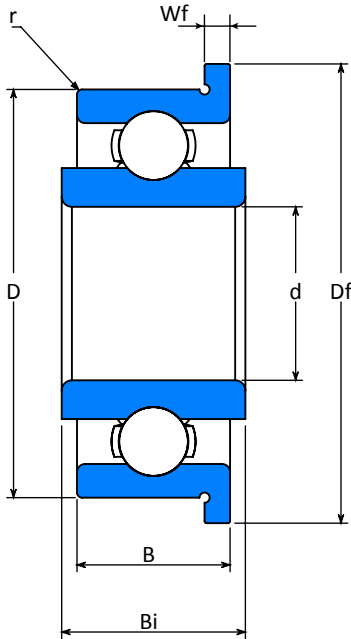
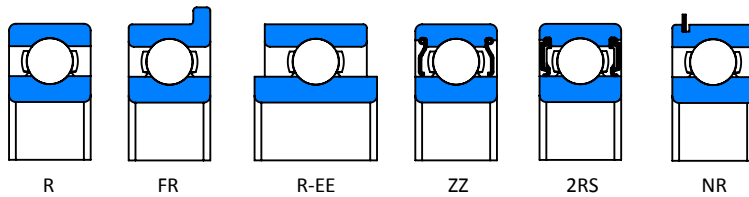


Single Row Radial Ball Bearings

Inch Series R, FR, R-EE, FR-EE



- 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
- Snap ring:** Available for certain sizes in this page upon request

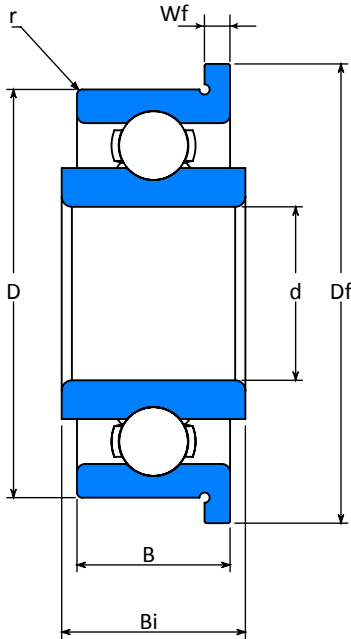


Bearing No.	Bore d	OD D	Width				Flange Dimensions open		Radius r*	Basic Load Rating (lbf)		Weight (lbs)
			B		Bi		Df	Wf		Dynamic Cr	Static Cor	
			Open	Shield/ seal	Open	Shield/ seal						
R09	0.0400	0.2500	0.0469	-	-	-	-	-	0.004	22	6	----
R0	0.0469	0.1562	0.0625	0.0937	0.0937	0.1250	0.203	0.013	0.004	36	10	----
R1	0.0550	0.1875	0.0781	0.1094	0.1094	0.1406	0.234	0.023	0.004	42	13	----
R1-4	0.0781	0.2500	0.0937	0.1406	0.1250	0.1719	0.296	0.023	0.004	63	20	----
R133	0.0937	0.1875	0.0625	0.0937	0.0937	0.1250	0.234	0.018	0.004	28	9	----
R1-5	0.0937	0.3125	0.1094	0.1406	0.1406	0.1719	0.359	0.023	0.006	96	34	0.001
R144	0.1250	0.2500	0.0937	0.1094	0.1250	0.1406	0.296	0.023	0.004	64	22	----
R2-5	0.1250	0.3125	0.1094	0.1406	0.1406	0.1719	0.359	0.023	0.004	26	40	0.002
R2-6	0.1250	0.3750	0.1094	0.1406	0.1406	0.1719	0.422	0.023	0.006	44	50	0.002
R2	0.1250	0.3750	0.1562	0.1562	0.1875	0.1875	0.440	0.030	0.012	44	50	0.003
R2A	0.1250	0.5000	0.1719	0.1719	-	-	-	-	0.012	58	89	0.007
R155	0.1562	0.3125	0.1094	0.1250	0.1406	0.1562	0.359	0.023	0.004	76	30	0.001
R156	0.1875	0.3125	0.1094	0.1250	0.1406	0.1562	0.359	0.023	0.004	89	32	0.001
R166	0.1875	0.3750	0.1250	0.1250	0.1562	0.1562	0.422	0.023	0.004	160	60	0.002
R3	0.1875	0.5000	0.1562	0.1960	0.2272	0.2272	0.565	0.042	0.012	295	110	0.005
R3A	0.1875	0.6250	0.1960	0.1960	-	-	-	-	0.012	295	110	0.006
R168	0.2500	0.3750	0.1250	0.1250	0.1562	0.1562	0.422	0.023	0.004	60	31	0.001
R188	0.2500	0.5000	0.1250	0.1875	0.1562	0.2188	0.547	0.023	0.006	186	84	0.004
R4	0.2500	0.6250	0.1960	0.1960	0.2272	0.2272	0.690	0.042	0.012	335	139	0.010
R4A	0.2500	0.7500	0.2188	0.2812	-	-	-	-	0.016	525	199	0.017
R1810	0.3125	0.5000	0.1562	0.1562	0.1875	0.1875	0.547	0.031	0.005	117	57	0.003
R1038	0.3750	0.6250	0.1562	0.1562	-	-	-	-	0.010	187	92	0.004

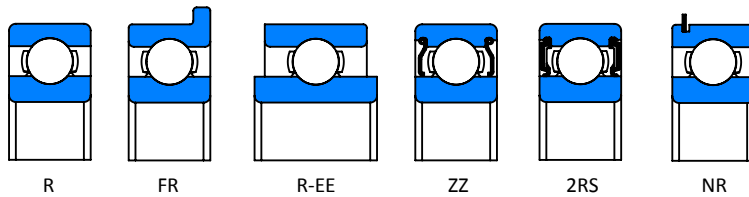
*Maximum fillet which corner radius of bearing will clear

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- Snap ring:** Available for certain sizes in this page upon request



Bearing No.	Bore d	OD D	Width				Flange Dimensions open		Radius r*	Basic Load Rating (lbf)		Weight (lbs)
			B		Bi		Df	Wf		Dynamic Cr	Static Cor	
			Open	Shield/ seal	Open	Shield/ seal						
R1238	0.3750	0.7500	0.1960	0.1960	-	-	-	-	0.010	87	42	----
R6	0.3750	0.8750	0.2188	0.2812	-	-	0.969	0.062	0.016	167	71	0.02
R1212	0.5000	0.7500	0.1562	0.1562	-	-	-	-	0.010	45	26	----
R1412	0.5000	0.8750	0.1960	0.1960	-	-	-	-	0.010	95	50	----
R8	0.5000	1.1250	0.2500	0.3125	-	-	1.225	0.062	0.016	258	120	0.04
R1458	0.6250	0.8750	0.1562	0.1562	-	-	-	-	0.010	45	29	----
R1658	0.6250	1.0000	0.1960	0.1960	-	-	-	-	0.010	104	66	----
R10	0.6250	1.3750	0.2812	0.3438	-	-	-	-	0.031	303	165	0.08
R1634	0.7500	1.0000	0.1562	0.1562	-	-	-	-	0.010	49	31	----
R1834	0.7500	1.1250	0.2812	0.2812	-	-	-	-	0.016	51	35	----
R12	0.7500	1.6250	0.3125	0.4375	-	-	-	-	0.031	398	229	0.10
R14	0.8750	1.8750	0.3750	0.5000	-	-	-	-	0.031	508	296	0.16
R16	1.0000	2.0000	0.3750	0.5000	-	-	-	-	0.031	508	296	0.19
R18	1.1250	2.1250	0.3750	0.5000	-	-	-	-	0.031	483	316	0.20
R20	1.2500	2.2500	0.3750	0.5000	-	-	-	-	0.031	668	418	0.21
R22	1.3750	2.5000	0.4375	0.5625	-	-	-	-	0.031	620	429	0.23
R24	1.5000	2.6250	0.4375	0.5626	-	-	-	-	0.031	653	469	0.31

*Maximum fillet which corner radius of bearing will clear