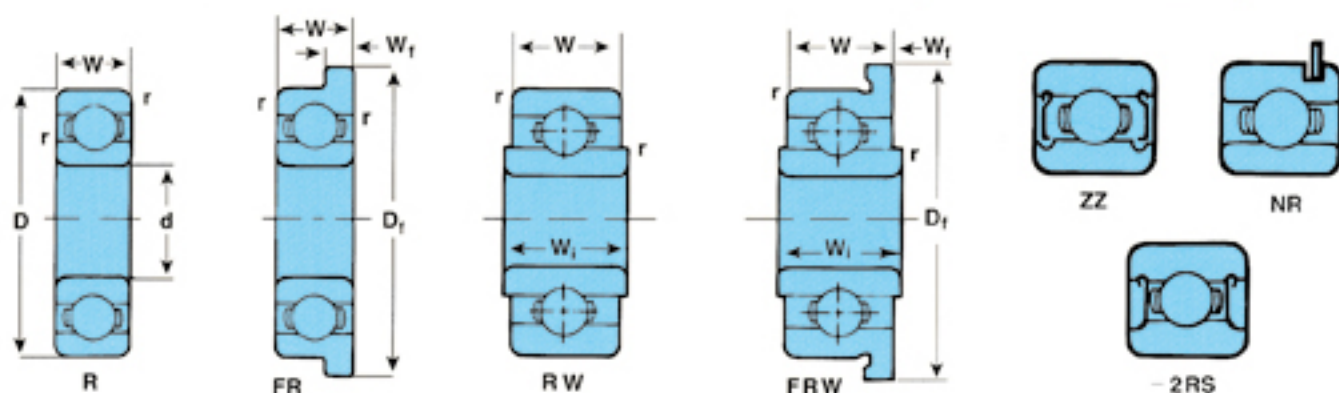


# SINGLE ROW RADIAL BALL BEARINGS

## INCH SERIES—R, FR, RW AND FRW



SST Bearing No.	Bore $d$		Outer Diameter $D$		Width				Flange Dimensions Open $D_f$ $W_f$		Radius $r$ in.	Basic Load Rating lbs.		Weight lbs. (Open)
					W in.		$W_i$ in.					Dynamic C	Static $C_0$	
	Fraction	in.	Fraction	in.	Open	Shielded	Open	Shielded						
R09 A	1/25	.0400	1/8	.1250	.0469	—	—	—	—	—	0.004	22	6	*
R0 A	3/64	.0469	5/32	.1562	.0625	.0937	.0937	.1250	.203	.013	0.004	36	10	*
R1 A	—	.0550	3/16	.1875	.0781	.1094	.1094	.1406	.234	.023	0.004	42	13	*
R1-4 A	5/64	.0781	1/4	.2500	.0937	.1406	.1250	.1719	.296	.023	0.004	63	20	*
R133 A	3/32	.0937	3/16	.1875	.0625	.0937	.0937	.1250	.234	.018	0.004	28	9.5	*
R1-5 A	3/32	.0937	5/16	.3125	.1094	.1406	.1406	.1719	.359	.023	0.006	96	34	.001
R144 A	1/8	.1250	1/4	.2500	.0937	.1094	.1250	.1406	.296	.023	0.004	64	22	*
R2-5 A	1/8	.1250	5/16	.3125	.1094	.1406	.1406	.1719	.359	.023	0.004	126	40	.002
R2-6 A	1/8	.1250	3/8	.3750	.1094	.1406	.1406	.1719	.422	.023	0.006	144	50	.002
R2A	1/8	.1250	3/8	.3750	.1562	.1562	.1875	.1875	.440	.030	0.012	144	50	.003
R2AA	1/8	.1250	1/2	.5000	.1719	.1719	—	—	—	—	0.012	258	89	.007
R155 A	5/32	.1562	5/16	.3125	.1094	.1250	.1406	.1562	.359	.023	0.004	76	30	.001
R156 A	3/16	.1875	5/16	.3125	.1094	.1250	.1406	.1562	.359	.023	0.004	89	32	.001
R166 A	3/16	.1875	3/8	.3750	.1250	.1250	.1562	.1562	.422	.023	0.004	160	60	.002
R3 A	3/16	.1875	1/2	.5000	.1562	.1960	.2272	.2272	.565	.042	0.012	295	110	.005
R3A A	3/16	.1875	1/2	.5000	.1960	.1960	—	—	—	—	0.012	295	110	.006
R168 A	1/4	.2500	3/8	.3750	.1250	.1250	.1562	.1562	.422	.023	0.004	60	31	.001
R188 A	1/4	.2500	1/2	.5000	.1250	.1875	.1562	.2188	.547	.023	0.006	186	84	.004
R4 A	1/4	.2500	5/8	.6250	.1960	.1960	.2272	.2272	.690	.042	0.012	335	139	.010
R4AA	1/4	.2500	3/4	.7500	.2188	.2812	—	—	—	—	0.016	525	199	.017
R6A	3/8	.3750	7/8	.8750	.2188	.2812	—	—	.969	.062	0.016	745	315	.024
R8 A	1/2	.5000	1-1/8	1.1250	.2500	.3125	—	—	1.225	.062	0.016	1148	535	.039
R10 A	5/8	.6250	1-3/8	1.3750	.2812	.3438	—	—	—	—	0.031	1347	734	.081
R12 A	3/4	.7500	1-5/8	1.6250	.3125	.4375	—	—	—	—	0.031	1770	1018	.104
R14 A	7/8	.8750	1-7/8	1.8750	.3750	.5000	—	—	—	—	0.031	2261	1316	.157
R16 A	1	1.0000	2	2.0000	.3750	.5000	—	—	—	—	0.031	2261	1316	.187
R18 A	1-1/8	1.1250	2-1/8	2.1250	.3750	.5000	—	—	—	—	0.031	2150	1407	.198
R20 A	1-1/4	1.2500	2-1/4	2.2500	.3750	.5000	—	—	—	—	0.031	2973	1858	.209
R22 A	1-3/8	1.3750	2-1/2	2.5000	.4375	.5625	—	—	—	—	0.031	2756	1910	.232
R24 A	1-1/2	1.5000	2-5/8	2.6250	.4375	.5625	—	—	—	—	0.031	2906	2084	.309

NOTES: Flange widths may be wider for shielded bearings.

For flanged bearing add "F" prefix.

Example: FR4ZZ

For AISI 440C stainless steel add "S" prefix.

Example: SFR4ZZ

Most sizes available upon request.