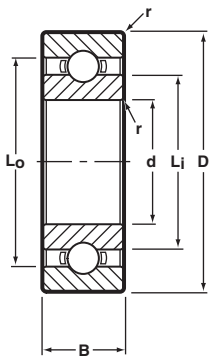
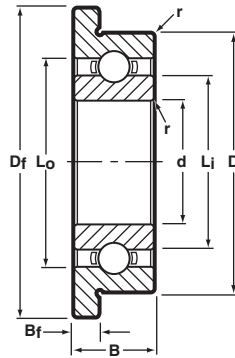




Radial Open, Unflanged & Flanged



Unflanged



Flanged

Notes:

1. Metric to inch conversion—see page 57.
2. Basic part numbers shown below include code "SS" for AISI 440C stainless steel. If SAE 52100 chrome alloy steel is desired delete SS.
3. See page 7 for ABEC tolerances.
4. r=Maximum shaft or housing fillet radius that bearing corners will clear.
5. Please consult with factory for cage availability.

- ▲ Available only as flanged type.
- ☆ Production standard.
- † For flange bearing substitute prefix SSRF when applicable.
- ¹ Inch conversion given for reference only.
- ** Load ratings are based on ABMA Standard #12.

BASIC P/N †	BORE d		O.D. D		WIDTH B		FLANGE DIA D _f	FLANGE WIDTH B _f	LAND DIAMETER (REFERENCE)		FILLET RADIUS r		BALL COMPLEMENT		LOAD RATINGS** Lbs		N _{max} /n rpm/1000
	mm	(INCH) ¹	mm	(INCH) ¹	mm	(INCH) ¹			L _i	L _o	mm	(INCH) ¹	NO. Z	SIZE D _b	DYN. C	STATIC C ₀	
SSR-412	1.2	.0472	4.0	.1575	1.8	.0709	4.8	0.4	2.05	3.15	0.10	.004	6	0.8mm	18	4	149
SSR-515	1.5	.0591	5.0	.1969	2.0	.0787	6.5	0.6	2.60	3.70	0.15	.006	7	0.8mm	20	7	123
SSR-615	1.5	.0591	6.0	.2362	2.5	.0984	7.5	0.6	2.90	4.70	0.15	.006	6	3/64	35	13	102
SSR-620W52	2.0	.0787	6.0	.2362	2.5	.0984	7.2	0.6	3.10	4.90	0.15	.006	6	3/64	35	13	97
SSR-720Y52	2.0	.0787	7.0	.2756	2.5	.0984	8.2	0.6	3.80	5.50	0.15	.006	7	3/64	40	15	83
SSR-720	2.0	.0787	7.0	.2756	2.8	.1102	8.5	0.7	3.80	5.50	0.15	.006	7	3/64	40	15	83
SSR-725	2.5	.0984	7.0	.2756	2.5	.0984	8.5	0.7	3.80	5.50	0.15	.006	7	3/64	40	15	83
SSR-725▲	2.5	.0984	7.0	.2756	2.5	.0984	8.2	0.6	3.80	5.50	0.15	.006	7	3/64	40	15	83
SSR-825Y52	2.5	.0984	8.0	.3150	2.5	.0984	9.2	0.6	4.10	6.50	0.15	.006	6	1/16	60	22	73
SSR-825Y82	2.5	.0984	8.0	.3150	2.8	.1102	—	—	4.77	6.85	0.15	.006	8	3/64	44	18	68
SSR-825	2.5	.0984	8.0	.3150	2.8	.1102	9.5	0.7	4.10	6.50	0.15	.006	6	1/16	60	22	73
SSR-830Y52	3.0	.1181	8.0	.3150	2.5	.0984	9.2	0.6	4.10	6.50	0.15	.006	6	1/16	60	22	73
SSR-830	3.0	.1181	8.0	.3150	3.0	.1181	9.5	0.7	4.10	6.50	0.15	.006	6	1/16	60	22	73
SSR-930Y52	3.0	.1181	9.0	.3543	2.5	.0984	10.2	0.6	4.80	7.20	0.15	.006	7	1/16	66	26	64
SSR-930	3.0	.1181	9.0	.3543	3.0	.1181	10.5	0.7	4.80	7.20	0.15	.006	7	1/16	66	26	64
SSR-1030☆	3.0	.1181	10.0	.3937	4.0	.1575	11.5	1.0	5.08	7.62	0.15	.006	7	1/16	66	26	61
SSR-1030Y53	3.0	.1181	10.0	.3937	3.5	.1378	—	—	5.08	7.62	0.15	.006	7	1/16	66	26	61
SSR-1030▲	3.0	.1181	10.0	.3937	4.0	.1575	11.6	0.8	5.08	7.62	0.15	.006	7	1/16	66	26	61
SSR-1140	4.0	.1575	11.0	.4331	4.0	.1575	12.5	1.0	6.40	8.60	0.15	.006	8	1/16	75	31	52
SSR-1140Y53	4.0	.1575	11.0	.4331	3.5	.1378	—	—	6.40	8.60	0.15	.006	8	1/16	75	31	52
SSR-1140▲	4.0	.1575	11.0	.4331	4.0	.1575	12.6	0.8	6.40	8.60	0.15	.006	8	1/16	75	31	52
SSR-1240	4.0	.1575	12.0	.4724	4.0	.1575	13.5	1.0	6.50	9.50	0.20	.008	7	2.0mm	104	42	48
SSR-1340	4.0	.1575	13.0	.5118	5.0	.1969	15.0	1.0	7.00	10.46	0.20	.008	7	3/32	139	60	44
SSR-1640X☆	4.0	.1575	16.0	.6299	5.0	.1969	18.0	1.0	8.10	12.50	0.30	.012	8	3/32	157	68	36
SSR-1350	5.0	.1969	13.0	.5118	4.0	.1575	15.0	1.0	7.00	10.46	0.20	.010	7	3/32	139	60	44
SSR-1450	5.0	.1969	14.0	.5512	5.0	.1969	16.0	1.0	7.60	11.50	0.20	.010	7	3/32	139	60	40
SSR-1650X☆	5.0	.1969	16.0	.6299	5.0	.1969	18.0	1.0	8.10	12.50	0.30	.012	8	3/32	157	68	36
SSR-1950☆	5.0	.1969	19.0	.7480	6.0	.2362	22.0	1.5	9.50	15.60	0.30	.012	6	5/32	481	240	31
SSR-1560	6.0	.2362	15.0	.5906	5.0	.1969	17.0	1.2	8.60	12.40	0.15	.006	7	7/64	212	101	37
SSR-1560▲	6.0	.2362	15.0	.5906	5.0	.1969	17.0	1.0	8.60	12.40	0.15	.006	7	7/64	212	101	37
SSR-1760	6.0	.2362	17.0	.6693	6.0	.2362	19.0	1.2	8.90	14.10	0.20	.010	6	3.5mm	384	187	34
SSR-1960☆	6.0	.2362	19.0	.7480	6.0	.2362	22.0	1.5	9.50	15.60	0.30	.012	6	5/32	481	240	31
SSR-1970☆	7.0	.2756	19.0	.7480	6.0	.2362	—	—	10.60	15.55	0.30	.012	7	1/8	379	174	30
SSR-2270☆	7.0	.2756	22.0	.8661	7.0	.2756	25.0	1.5	10.76	17.95	0.30	.012	7	5/32	569	273	26
SSR-2280☆	8.0	.3150	22.0	.8661	7.0	.2756	25.0	1.5	10.76	17.95	0.30	.012	7	5/32	569	273	26
SSR-2690	9.0	.3543	26.0	1.0236	8.0	.3150	—	—	14.80	21.30	0.30	.012	7	3/16	703	399	21
SSR-2610	10.0	.3937	26.0	1.0236	8.0	.3150	—	—	14.80	21.30	0.30	.012	7	3/16	703	399	21