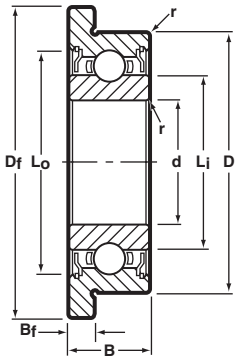
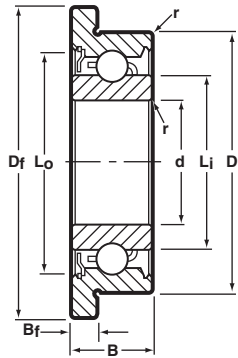




Radial Shielded, Flanged



**2 Shields
Ribbon Cage**



**1 Shield
Crown Cage**

Notes:

1. Inch to metric 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. Add "Z" for single shield, "ZZ" for two shields as a suffix to basic part number.

- ABEC "T" tolerances apply.
- * "R" Ribbon or "H" Crown Cages are available as indicated. Please consult with factory for machined cage availability.
- ¹ Metric dimensions for reference only.
- ** Load ratings are based on ABMA Standard #12.

BASIC P/N	STANDARD CAGE AVAILABILITY *		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**		N _{max} /h rpm/1000
	RIBBON	CROWN	INCH	(mm) ¹	INCH	(mm) ¹	1 or 2 SHIELDS				L _i	L _o		NO. Z	SIZE D _b	DYN. C	STATIC C ₀	
							INCH	(mm) ¹										
SSRIF-2 1/2		H	.0469	1.191	.1562	3.967	.0937	2.380	.203	.031	.081	.134	.003	6	1/32	16	5	149
SSRIF-3		H	.0550	1.397	.1875	4.763	.1094	2.779	.234	.031	.093	.167	.003	5	3/64	28	10	121
SSRIF-4		H	.0781	1.984	.2500	6.350	.1406	3.571	.296	.031	.122	.205	.003	6	3/64	35	12	97
SSRIF-3332		H	.0937	2.380	.1875	4.763	.0937	2.380	.234	.031	.118	.167	.003	7	1/32	19	6	109
SSRIF-3332	R		.0937	2.380	.1875	4.763	.0937	2.380	.234	.031	.118	.167	.003	8	1/32	21	8	109
SSRIF-5	R	H	.0937	2.380	.3125	7.938	.1406	3.571	.359	.031	.173	.282	.003	6	1/16	60	22	68
SSRIF-418		H	.1250	3.175	.2500	6.350	.1094	2.779	.296	.031	.161	.228	.003	7	.0394	30	11	79
SSRIF-418	R		.1250	3.175	.2500	6.350	.1094	2.779	.296	.031	.161	.228	.003	8	.0394	33	12	79
SSRIF-518	R	H	.1250	3.175	.3125	7.938	.1406	3.571	.359	.031	.173	.282	.003	6	1/16	60	22	68
SSRIF-618	R	H	.1250	3.175	.3750	9.525	.1406	3.571	.422	.031	.173	.282	.005	6	1/16	60	22	68
SSRF-2	R	H	.1250	3.175	.3750	9.525	.1562	3.967	.440	.030	.200	.321	.012	7	1/16	66	26	61
SSRIF-5532		H	.1562	3.967	.3125	7.938	.1250	3.175	.359	.036	.221	.285	.003	7	3/64	41	15	61
SSRIF-5532	R		.1562	3.967	.3125	7.938	.1250	3.175	.359	.036	.221	.285	.003	8	3/64	45	17	61
SSRIF-5632		H	.1875	4.763	.3125	7.938	.1250	3.175	.359	.036	.221	.285	.003	7	3/64	41	15	61
SSRIF-5632	R		.1875	4.763	.3125	7.938	.1250	3.175	.359	.036	.221	.285	.003	8	3/64	45	17	61
SSRIF-6632	R	H	.1875	4.763	.3750	9.525	.1250	3.175	.422	.031	.235	.341	.003	8	1/16	76	31	54
SSRF-3	R	H	.1875	4.763	.5000	12.700	.1960	4.978	.565	.042	.276	.433	.012	7	3/32	140	59	44
SSRIF-614		H	.2500	6.350	.3750	9.525	.1250	3.175	.422	.036	.285	.348	.003	13	.0394	43	21	48
SSRIF-814	R	H	.2500	6.350	.5000	12.700	.1875	4.763	.547	.045	.330	.452	.005	10	1/16	88	40	40
SSRF-4	R	H	.2500	6.350	.6250	15.875	.1960	4.978	.690	.042	.364	.544	.012	8	3/32	159	70	35
SSRIF-8516	R		.3125	7.938	.5000	12.700	.1562	3.967	.547	.031	.362	.460	.005	11	1/16	93	43	37
SSRIF-1438	R		.3750	9.525	.8750	22.225	.2812	7.142	.969	.062	.474	.783	.016	7	5/32	569	273	24
SSRIF-1812	R		.5000	12.700	1.1250	28.575	.3125	7.938	1.225	.062	.628	.965	.016	9	5/32	684	344	19