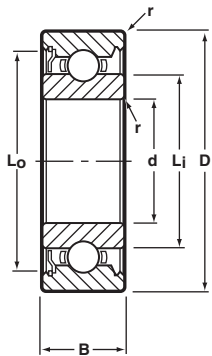


METRIC L SERIES

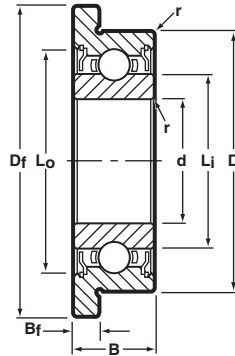
Authorized Distributor
Jamaica Miniature Bearings
CA Phone: (805) 523-2500
PA Phone: (215) 661-8590



Radial Shielded, Unflanged & Flanged



**Unflanged
1 Shield**



**Flanged
2 Shields**

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.
6. Add "Z" for single shield, "ZZ" for two shields as a suffix to basic part number prior to "Y" or "W" width variations.

▲ Available only as flanged type.

☆ Production standard.

† For flange bearing substitute prefix SSLF 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 Df	FLANGE WIDTH Bf	LAND DIAMETER (REFERENCE)		FILLET RADIUS r		BALL COMPLEMENT		LOAD RATINGS**		N _{max} /h rpm/1000
	mm	(INCH) ¹	mm	(INCH) ¹	mm	(INCH) ¹			Li	Lo	mm	(INCH) ¹	NO. Z	SIZE D _b	DYN. C	STATIC C ₀	
SSL-520	2.0	.0787	5.0	.1969	2.3	.0906	6.1	0.6	2.90	4.25	0.08	.003	7	0.8mm	20	7	112
SSL-520W52	2.0	.0787	5.0	.1969	2.5	.0984	6.2	0.6	2.90	4.25	0.08	.003	7	0.8mm	20	7	112
SSL-625	2.5	.0984	6.0	.2362	2.6	.1024	7.1	0.8	3.80	5.20	0.08	.003	7	0.8mm	20	7	89
SSL-630	3.0	.1181	6.0	.2362	2.5	.0984	7.2	0.6	3.80	5.20	0.08	.003	7	0.8mm	20	7	89
SSL-730X5☆	3.0	.1181	7.0	.2756	3.0	.1181	8.1	0.8	4.10	6.10	0.10	.004	8	1.0mm	33	12	78
SSLFW-730▲	3.0	.1181	7.0	.2756	3.0	.1181	8.2	0.6	4.10	6.10	0.10	.004	7	3/64	40	15	78
SSL-740	4.0	.1575	7.0	.2756	2.5	.0984	8.2	0.6	4.80	6.30	0.08	.003	7	0.8mm	20	7	72
SSL-840	4.0	.1575	8.0	.3150	3.0	.1181	9.2	0.6	5.20	7.20	0.10	.004	7	3/64	40	15	64
SSL-940	4.0	.1575	9.0	.3543	4.0	.1575	10.3	1.0	5.08	7.90	0.10	.004	7	1/16	66	26	61
SSLFW-940▲	4.0	.1575	9.0	.3543	4.0	.1575	10.6	0.8	5.08	7.90	0.10	.004	7	1/16	66	26	61
SSLF-1040X☆▲	4.0	.1575	10.0	.3937	4.0	.1575	11.6	0.8	5.96	8.75	0.15	.006	8	1/16	84	35	54
SSL-850	5.0	.1969	8.0	.3150	2.5	.0984	9.2	0.6	5.80	7.26	0.08	.003	13	0.8mm	29	13	59
SSL-950	5.0	.1969	9.0	.3543	3.0	.1181	10.2	0.6	6.00	8.00	0.10	.004	7	3/64	40	15	56
SSL-1050	5.0	.1969	10.0	.3937	4.0	.1575	11.6	0.8	6.40	8.90	0.15	.006	7	1/16	68	26	52
SSL-1150	5.0	.1969	11.0	.4331	5.0	.1969	12.5	1.0	6.40	9.50	0.15	.006	8	1/16	75	31	48
SSL-1060☆	6.0	.2362	10.0	.3937	3.0	.1181	11.2	0.6	6.95	9.00	0.10	.004	9	3/64	49	18	49
SSL-1060X	6.0	.2362	10.0	.3937	3.0	.1181	—	—	7.24	8.93	0.10	.004	13	1.0mm	47	22	49
SSL-1260	6.0	.2362	12.0	.4724	4.0	.1575	13.6	0.8	7.80	10.20	0.15	.006	7	1/16	68	29	43
SSL-1360	6.0	.2362	13.0	.5118	5.0	.1969	15.0	1.1	7.40	11.40	0.15	.006	8	2.0mm	115	49	41
SSLFW-1360▲	6.0	.2362	13.0	.5118	5.0	.1969	15.0	1.0	7.40	11.40	0.15	.006	8	2.0mm	115	49	41
SSL-1360Y54	6.0	.2362	13.0	.5118	4.5	.1772	15.0	1.0	8.00	11.40	0.15	.006	8	2.0mm	115	49	41
SSL-1170	7.0	.2756	11.0	.4331	3.0	.1181	12.2	0.6	8.10	10.10	0.10	.004	9	3/64	46	20	43
SSL-1370	7.0	.2756	13.0	.5118	4.0	.1575	14.6	0.8	8.50	11.50	0.15	.006	9	1/16	82	37	39
SSLFW-1470▲	7.0	.2756	14.0	.5512	5.0	.1969	16.0	1.0	9.00	12.40	0.15	.006	9	2.0mm	126	55	37
SSL-1470X☆	7.0	.2756	14.0	.5512	5.0	.1969	—	—	9.20	11.77	0.15	.006	11	1/16	102	50	37
SSL-1280	8.0	.3150	12.0	.4724	3.5	.1378	13.6	0.8	9.10	11.20	0.10	.004	11	3/64	53	24	39
SSL-1480	8.0	.3150	14.0	.5512	4.0	.1575	15.6	0.8	9.90	12.50	0.15	.006	10	1/16	86	42	35
SSL-1680☆	8.0	.3150	16.0	.6299	5.0	.1969	18.0	1.1	10.40	14.00	0.20	.008	9	3/32	170	79	32
SSL-1680W06	8.0	.3150	16.0	.6299	6.0	.2362	—	—	10.40	14.00	0.20	.008	9	3/32	170	79	32
SSL-1790	9.0	.3543	17.0	.6693	5.0	.1969	19.0	1.1	11.20	15.30	0.20	.008	10	3/32	183	88	30
SSL-2090	9.0	.3543	20.0	.7874	6.0	.2362	—	—	12.32	17.40	0.30	.012	9	7/64	225	108	27
SSL-1910☆	10.0	.3937	19.0	.7480	7.0	.2756	—	—	12.32	17.40	0.30	.012	9	7/64	225	108	27