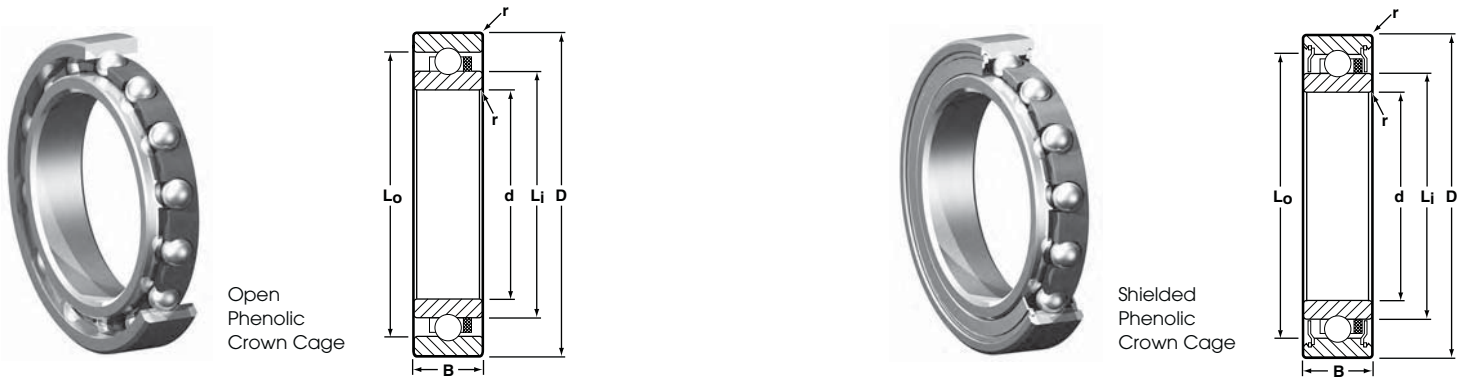




Thinex



BASIC P/N	CAGE TYPE *	BORE d		O.D. D		WIDTH B				LAND DIAMETER (REFERENCE)		FILLET RADIUS r	BALL COMPLEMENT		LOAD RATINGS**		BRG. WGT. GMS. ▼
		INCH	(mm) ◇	INCH	(mm) ◇	OPEN		SHIELDED		Li	Lo		NO. Z	SIZE INCH	DYN. C	STATIC Co	
						INCH	(mm) ◇	INCH	(mm) ◇								
SSRI-1212	R	.5000	12.700	.7500	19.050	.1562	3.967	—	—	.587	.672	.010	16	1/16	111	71	3.2
SSRI-1458	R	.6250	15.875	.8750	22.225	.1562	3.967	—	—	.712	.797	.010	18	1/16	116	81	3.9
SSRI-1634	R	.7500	19.050	1.0000	25.400	.1562	3.967	—	—	.837	.922	.010	22	1/16	127	99	4.5
SSRI-1878SD502	R	.8750	22.225	1.1250	28.575	.1562	3.967	—	—	.961	1.072	.010	24	1/16	189	161	4.0
SSRI-2117 ◆		1.0625	26.988	1.3125	33.338	.1562	3.967	.1960	4.978	1.144	1.231	.010	28	1/16	175	153	6.1
SSRI-2420 ◆		1.2500	31.750	1.5000	38.100	.1562	3.967	.1960	4.978	1.320	1.402	.010	32	1/16	185	177	7.1

Notes:

- Inch to metric conversion—see page 63.
 - Basic part numbers shown above include code "SS" for AISI 440C stainless steel. If SAE 52100 chrome alloy steel is desired delete SS.
 - See below for ABEC Tolerances.
 - r=Maximum shaft or housing fillet radius that bearing corners will clear.
 - Angular contact configurations available (SSMDRI-, SSMERI-), please consult with factory.
 - Extended inner rings (EE) also available as a production standard.
- ★ The "R" Ribbon cage is available as indicated. Please consult with factory for machined cage availability.
 - ◇ Metric dimensions are for reference only.
 - ★★ Load ratings are based on ABMA Standard #12.
 - ◆ Limited retainer options available. Please consult with factory.
 - ▼ Bearing weights are for reference only.

ABEC 5T• Tolerances

	BORE DIAMETER		RADIAL RUNOUT	MEAN DIAMETER TOLERANCE	WIDTH
	OVER	INCL.			
Inner Ring	0.35433	1.18110	.0002	+.0000 -.0002	+.000 -.001
	OUTSIDE DIAMETER				
Outer Ring	0.55118	1.10236	.0002	+.0000 -.0002	+.000 -.001
	1.10236	1.96850			

• Please refer to ABMA Standard #12 for more information.

ABEC 7T• Tolerances

	BORE DIAMETER		RADIAL RUNOUT	MEAN DIAMETER TOLERANCE	WIDTH
	OVER	INCL.			
Inner Ring	0.35433	0.70866	.00020	+.0000 -.0002	+.000 -.001
	0.70866	1.18110			
OUTSIDE DIAMETER					
Outer Ring	0.55118	1.10236	.00020	+.0000 -.0002	+.000 -.001
	1.10236	1.96850			

• Please refer to ABMA Standard #12 for more information.