



LBC - **12** - **S** - **CR**

Linear Bushing Inch Series

- LBC** - Linear Bushing Closed
- LBO** - Linear Bushing Open

Nominal Diameter

- 4** - 0.250 inch diameter
- 6** - 0.375 inch diameter
- 8** - 0.500 inch diameter
- 10** - 0.625 inch diameter
- 12** - 0.750 inch diameter
- 16** - 1.000 inch diameter
- 20** - 1.250 inch diameter
- 24** - 1.500 inch diameter
- 32** - 2.000 inch diameter

Bushing Seals

- No Seals
- S** - Integral Seals at both ends

Bushing Options

- No Corrosion Resistance
- CR** - Corrosion Resistance

Specifications: **LBC** & **LBO** Linear Bushings (self-aligning)

Operating Temperature	0° F to + 185° F
Maximum Speed	9.8 ft/sec (3m/sec)
Bushing Seals	Optional Internal Wiper Seals on both ends
Matching Shaft	Class L (SL series), hardened & ground shafting
Corrosion Resistance	Electroless nickel plated load plates and stainless steel recirculating balls

Housing and Shaft Diameter Tolerances **C** = clearance **P** = preload

Nominal Shaft Diameter (inches)	Shaft Diameter Tolerance g6 (inches)	Recommended Housing Bore		Bushing and Shaft Fit-up (before adjustment)	
		Fixed Housing (inches)	Adjustable Housing (inches)	Fixed Housing (inches)	Adjustable Housing (inches)
0.250	-.0002 / -.0006	.5005 / .5000	.5010 / .5000	.0015C / .0000	.002C / .0000
0.375	-.0002 / -.0006	.6255 / .6250	.6260 / .6250	.0015C / .0000	.002C / .0000
0.500	-.0002 / -.0007	.8755 / .8750	.8760 / .8750	.0015C / .0000	.002C / .0000
0.625	-.0002 / -.0007	1.1255 / 1.1250	1.1260 / 1.1250	.0015C / .0000	.002C / .0000
0.750	-.0003 / -.0008	1.2505 / 1.2500	1.2510 / 1.2500	.0015C / .0000	.002C / .0000
1.000	-.0003 / -.0008	1.5630 / 1.5625	1.5635 / 1.5625	.0015C / .0000	.002C / .0000
1.250	-.0004 / -.0010	2.0008 / 2.0000	2.0010 / 2.0000	.0018C / .0001P	.002C / .0000
1.500	-.0004 / -.0010	2.3760 / 2.3750	2.3760 / 2.3750	.0021C / .0000	.0021C / .0000
2.000	-.0004 / -.0012	3.0010 / 3.0000	3.0010 / 3.0000	.0023C / .0002P	.0023C / .0002P