



**LBCH** - **12** - **S** - **CR**

**Linear Bushing High Capacity**

- LBCH** - Linear Bushing Closed - High Capacity
- LBOH** - Linear Bushing Open - High Capacity

**Nominal Diameter**

- 12** - 0.750 inch diameter     **20** - 1.250 inch diameter
- 16** - 1.000 inch diameter     **24** - 1.500 inch diameter

**Bushing Seals**

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

**Bushing Options**

- No Corrosion Resistance
- CR** - Corrosion Resistance

## Specifications: **LBCH** & **LBOH** High Capacity Linear Bushings (self-aligning)

<b>Operating Temperature</b>	0° F to + 185° F
<b>Maximum Speed</b>	9.8 ft/sec (3m/sec)
<b>Bushing Seals</b>	Optional Internal Wiper Seals on both ends
<b>Matching Shaft</b>	Class L ( <b>SL</b> series), hardened & ground shafting (see pages 42 - 43)
<b>Corrosion Resistance</b>	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 <b>g6</b> (inches)	Recommended Housing Bore		Bushing and Shaft Fit-up (before adjustment)	
		Fixed Housing (inches)	Adjustable Housing (inches)	Fixed Housing (inches)	Adjustable Housing (inches)
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