



LBCA - **12** - **S**

Linear Ball Bushing

- LBCA** - Precision ball bushing (closed - all steel)
- LBOA** - Precision ball bushing (open - all steel)

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** - Seals at both ends

Specifications: **LBCA** & **LBOA** Linear Precision Ball Bushings

Operating Temperature	0° F to +600° F (without seals)		0° F to +185° F (with seals)		
Maximum Speed	10 ft/second				
Bushing Seals (optional)	Internal Wiper Seals on both ends, Plastic Bearing Retainer				
Matching Shaft	Class S (SS series), hardened & ground shafting				
Housing Tolerances C = clearance	LBCA (closed style)			LBOA (open style)	
	Nominal Shaft Diameter (inches)	Recommended Housing Bore		Nominal Shaft Diameter (inches)	Recommended Housing Bore before adjustment (inches)
		Normal Fit (inches)	Press Fit (inches)		
			Bearing and Shaft Fit-up (inches)		
	0.250	.5005 / .5000	.4995 / .4990		
	0.375	.6255 / .6250	.6245 / .6240		
	0.500	.8755 / .8750	.8745 / .8740	0.500	.8760 / .8740
	0.625	1.1255 / 1.1250	1.1245 / 1.1240	0.625	1.1260 / 1.1240
	0.750	1.2505 / 1.2500	1.2495 / 1.2490	0.750	1.2510 / 1.2490
	1.000	1.5630 / 1.5625	1.5620 / 1.5615	1.000	1.5635 / 1.5615
	1.250	2.0010 / 2.0000	1.9993 / 1.9983	1.250	2.0010 / 1.9990
	1.500	2.3760 / 2.3750	2.3743 / 2.3733	1.500	2.3760 / 2.3740
	2.000	3.0010 / 3.0000	2.9992 / 2.9982	2.000	3.0010 / 2.9990