







Product Name	Linear Bushings	Oil Free Bushings	Ball Splines	Linear Guides
Page	pgs. 15–16	pgs. 18–19	pg. 17	pgs. 21–22
Usage/Picture				
Typical Usage	Provides smooth linear motion. Runs at higher speed than plain bushings. Used with hardened shafts.	Used for heavy loads in dirty environments. Can be used with hardened and unhardened shafts. Most don't require lubrication.	Use for high speed linear motion under high torsional loads.	Used for smooth and high accuracy motion under heavy loads and moment loads.
Motion Type	Linear*	Linear / Rotary	Linear	Linear
Size	Ø3–50 mm	Ø5–100 mm	Ø6–30 mm	Height 6–42 mm
Materials	– Steel – Stainless Steel	– Copper Alloys (Brass, Bronze) – Steel – Resins (PTFE, Polyacetal)	– Steel – Stainless Steel	– Steel – Stainless Steel
Available Coatings	– Electroless Nickel – Low Temperature Black Chrome	N/A	N/A	– Low Temperature Black Chrome
Load Capacity	Medium	Medium–High	Medium–High	High
Operating Temp.	–20 to 120 °C	–200 to 200 °C	–10 to 120 °C	Standard (–10 to 120 °C) Heat Resistant (–100 to 150 °C)
Accuracy	Medium	Low	Medium–High	Medium–High
Cost \$	\$\$	\$	\$\$\$\$	\$\$\$\$

Unit Conversions: °F = (°C * 1.8) + 32 (Example: °F = (100°C * 1.8) + 32 = 212°F)

*Stroke bushings can handle rotary motion

Linear Bushings



#LHFC
Flanged Linear Bushings – Single



#LHFW
Flanged Linear Bushings – Double



#LHIF
Flanged Linear Bushings with Pilot-Single



#LHIW
Flanged Linear Bushings with Pilot-Double



#LHMW
Flanged Linear Bushings – Center Flange



#LHRK
Compact, Single



#LHFD
Flanged Linear Bushings – Medium Lg.



#LHIC
Flanged Linear Bushings with Pilot, Medium Lg.



#LHMC
Flanged Linear Bushings – Medium Lg., Center Flanged



#LHKC
Flanged Linear Bushings, Long Lg.



#LHKM
Flanged Linear Bushings with Long Pilot, Long Lg.



#LMU
Linear Bushings – Standard, Single



#LMUW
Linear Bushings – Standard, Double



#LMUT
Linear Bushings – Short



#LMUD
Linear Bushings – Medium



#LMK
Linear Bushings – Compact, Single



#LHBB
Wide Pillow Block Bushings



#LHBBW
Long and Wide Pillow Block Bushings



#LHSS
Pillow Block Bushings