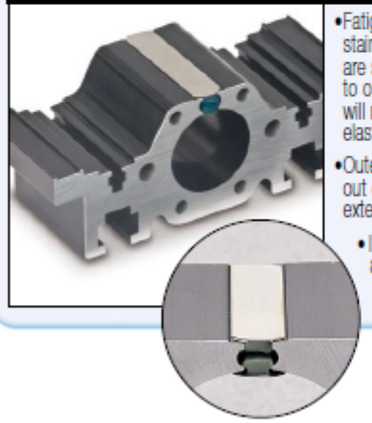
LS - LINEAR SLIDE

ENDURANCE TECHNOLOGY℠

Endurance Technology features are designed for maximum durability to provide extended service life.

Adapted from the popular BC2, the Linear Slide features 2 precision steel guide rods integrated with the extrusion to provide positive support of the load. This makes the Linear Slide more rugged and capable with greater load capacity and higher bending moments. Built-to-order in stroke lengths up to 72 inches.

STAINLESS STEEL SEALING BAND SYSTEM



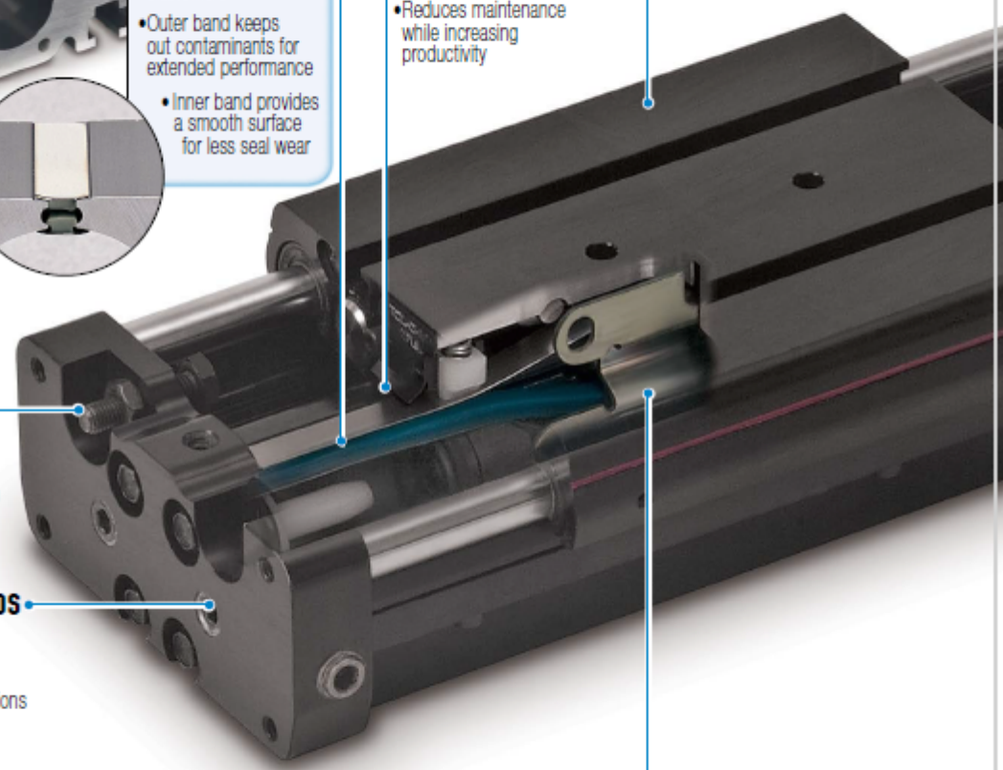
- Fatigue resistant stainless steel bands are specifically made to offer longer life and will not elongate like elastomers
- Outer band keeps out contaminants for extended performance
- Inner band provides a smooth surface for less seal wear

FORMED END CAP WIPER SEAL

- Keeps contaminants from entering the sealing area
- Protects internal components
- Reduces maintenance while increasing productivity

LOW CARRIER HEIGHT

- Reduces overall actuator envelope
- Large mounting area for high load stability
- T-Slots for mounting flexibility



STROKE ADJUSTMENT

- End of stroke
- Integrated into design

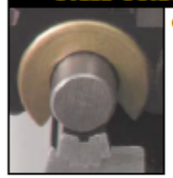
3-PORTED HEADS

- Single End Porting
- Standard feature
- Simplifies air connections

FORMED STEEL PISTON BRACKET

- Provides maximum strength at major stress points
- Heat treated carbon steel withstands the toughest dynamic forces
- Strongest bracket design in the industry assures long life with less maintenance

STEEL GUIDE RODS



- Two precision ground steel guide rods integrated with extrusion provides positive support of load

RETAINED DUST BAND

- Retained dust band keeps contaminants from entering the cylinder interior, protecting components for reduced maintenance and increased uptime

RIGID BLACK-ANODIZED EXTRUDED ALUMINUM TUBE

- Stronger, stiffer tube retains tolerance specs when chamber is pressurized
- Keeps sealing band in place for maximized air efficiency
- Tube supports are minimized
- Solid structural support provides durability and long life performance

LOAD-BEARING CARRIER DESIGN

- Load and piston are independent - piston floats, resulting in less friction and longer seal life
- Bearings offer consistently low friction and long wear; 1/2" bore features composite bearings, 1" bore features precision linear ball bearings

5 DAYS BUILT-TO-ORDER

NOTE: Boxed letters indicate ordering codes

OPTIONS

AUXILIARY CARRIER D W D O

- Substantially higher load capacity
- Substantially higher bending moment capacity

SUPPORTS M P

- Used for intermediate support
- Flush with bottom of actuator to retain low profile
- Drop-in, adjustable mounting locations

T-NUTS

- Used for intermediate support, combine with Tube Supports or mount directly to surface

SHOCK ABSORBERS S L S H

- Smooth deceleration
- Allows increased operating speed
- Self-compensates for load or speed changes
- Minimizes impact load to equipment
- Higher equipment productivity
- Integrated to carrier design

SWITCHES

- Available in Proximity, Reed, Hall-effect and Triac
- 15ft. cable with flying leads; available with quick-disconnect couplers