BC2 BAND CYLINDER

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

A Tolomatic Design Principle

The BC2 is the direct descendent of the industry's first pneumatic rodless cylinder, manufactured by Tolomatic, the number one rodless supplier. Featuring durable stainless steel bands, field replaceable engineered bearings and a large carrier mounting pattern the BC2 is a great solution for applications that require increased Mx bending moment capacity. Built-to-order in stroke lengths up to 350 inches.

- Provides maximum strength at major stress points
- forces
- Strongest bracket design in the industry assures long life with less maintenance

FORMED STEEL PISTON BRACKET

- Heat treated carbon steel withstands the toughest dynamic

ADJUSTABLE

CUSHIONS

Adjustable cushions

are standard, not

for end-of-stroke

Protects actuator and

load from damage

deceleration

optional

STAINLESS STEEL SEALING BAND SYSTEM



- Fatigue resistant stainless steel bands are specifically made to provide longer life and will not elongate,
- out contaminants for extended
 - Inner band provides a smooth surface for

less seal wear

TOLOMATIC...THE RODLESS CYLINDER LEADER



3-PORTED HEADS

- Standard feature
- Simplifies air connections

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

ADJUSTABLE CARRIER BRACKET



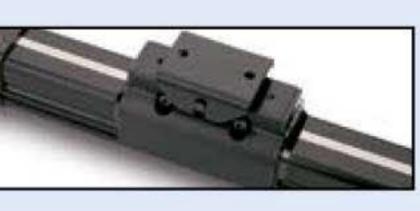
- 2-bolt adjustment instead of a series of set screws
- Easy to set tension for freer running or stiffer systems
- Minimizes free play while maintaining a higher level of load guidance

OPTIONS



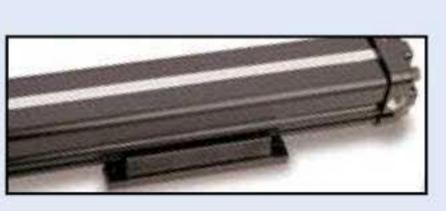
AUXILIARY CARRIER

- Substantially higher load capacity
- Substantially higher bending moment capacity



FLOATING MOUNT

 Compensates for non-parallelism between band cylinder and externally guided load



TUBE SUPPORT MOUNTS

Used for intermediate support



FOOT MOUNTS

For end mounting of band cylinder



SHOCK ABSORBERS

- Smooth deceleration
- Allows increased operating speed
- Self-compensates for load or speed changes
- Minimizes impact load to equipment
- Higher equipment productivity
- Adjustable position shocks available



SWITCHES

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

FORMED END

- Easy screw adjustment increasing productivity

CAP WIPER SEAL

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

like elastomers Outer band keeps performance

LOAD-BEARING CARRIER DESIGN

- Load and piston are independent - piston floats, resulting in less friction and longer seal life
- Engineered resin load bearings offer consistently low friction and long wear

