Round Body

The Roundbody F-Series Cylinder are thin wall stainless steel bodies with crimped aluminum end caps. Used in general purpose automation. Made in USA

- 12 bore sizes: 5/16 through 3 inches
- Stroke lengths up to 32 inches
- Available with Air Cushions/Bumpers
- Pressure rated to 250 PSIG pneumatic service
- Many standard options and accessories
- Flexible specials to meet specific application requirements
- Typical lead time 3-5 days

Pancake/Pancake II Cylinders

The Original Pancake Cylinder was invented in 1958 to meet market requirements for a compact, short stroke actuator. These cylinders are machined from high quality, solid aluminum bar stock with a clear anodized finish for corrosion resistance.

Though many competitors released their versions of the pancake style actuator, the Original Pancake is still the bar in which all others are measured. It has few direct interchanges.

- 8 bore sizes: 1/2” to 4”
- Standard stroke lengths up to 4”
- Many standard options and accessories
- Flexible specials to meet specific application requirements
- Typical lead time 3-5 days

The Pancake II Cylinder was designed to provide a drop in interchange for competitor’s products.

- 8 bore sizes: 1/2” to 4”
- Stroke lengths up to 4” (longer strokes upon request)
- Temp ratings -25° to +225° F (-32° to +121° C)
- Air service from -15PSI up to 200 PSI
- Many standard options and accessories
- Flexible specials to meet specific application requirements
- Typical lead time 3-5 days

Drop in Interchange to:

- BIMBA
- SMC
- Parker
- Numatics
- Norgren
- etc...

- Original Line
- NCM
- SR
- M-Series
- Roundline

- Flat-1 (N)CQ8
- LP
- NB-Series
- F-Series Plus
- etc.

Hard Chrome plated SS piston rod provides long life and corrosion resistance.

Captive rod bearing and seal prevents migration & failure.

Duralon® rod bearing enables long life & greater side loads.

Robust end cap prevents failures under high load/cycle rates.

Lubed for Life with Magnalube-G®.

Self-lubricating composite body.

Magnetic piston option for position sensing.

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Machined NFPA/OEM NFPA Actuators

- Available in 7 bore sizes ranging from 1-1/2” to 6” (up to 14” bore upon request)
- Stroke lengths up to 99”
- Many standard options and accessories
  - Oversized rod, double rod, etc
  - Rotated port positions
- Flexible specials to meet specific application requirements
- Typical lead time 3-5 days

Head and cap are machined from solid aluminum bar stock and black anodized for corrosion resistance.

Cushion has a flush, retained adjustment needle.

Solid aluminum alloy piston is strong, light weight and carries a wide graphite filled PTFE wear band to support maximum load conditions.

Lubrication is high performance synthetic grease with microscopic PTFE particles in suspension.

Tie rods are 100,000 psi minimum yield steel for maximum holding power. Threads are rolled for durability.

Hard (60 Rc) coated I.D. high strength aluminum alloy tube.

Port design allows full flow for optimum cylinder operation.

Buna-N nitrile seals standard.

Oversized non-metallic, composite rod bearing, provides maximum load bearing support and superb wear resistance for high cycle life.

Ground and polished high strength steel piston rod has hard chrome plated surface to provide maximum cycle life for bushing and seals.

The OEM NFPA is a cost effective alternative to the machined NFPA.

- 5 bore sizes: 1-1/2” through 4”
- Stroke lengths up to 48” standard
- Viton option for high temperature operation
- Many standard options and accessories
- Low cost, economical
- Typical lead time 3-5 days

Drop in Interchange to:

- BIMBA TA Series
- SMC NCA1
- Parker 2/3/4MA
- Numatics A-Series
- Norgren A-Series
- etc...

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- Parker 2/3/4MA
- Numatics A-Series
- Norgren A-Series
- etc...
Interchangeable Metric Cylinders
- 10 bores 12-100mm.
- Strokes 5-150mm

Interchangeable Round Body Cylinders
- 12 bores 5/16” to 3”
- Strokes to 32”

Interchangeable Metric Cylinders
- 10 bores 12-100mm.
- Strokes 5-150mm

Linear Slides

Multi-Power® Air Presses

Swing Clamps

Stopper Cylinders

Table Slides

Solenoid Valves

Air Pilot Valves

Finger Slides

Popular Short Stroke Air Cylinders are Directly Interchangeable
- 8 bores 1/2” to 4”
- Strokes 1/16” to 4”

Pancake® II

The Original Pancake®

Square Pancake® II

Mechanical Valves

Rotary Actuators

Wide Opening Grippers

Over 60 Years
Advancing Pneumatics Technology

FABCO-AIR
A member of Festo Group