

Solid Aluminum Inch Sized Round Cylinder DPCA

FESTO



Compact Inch Cylinder

Highlights

- Solid aluminum construction
- Protective clear anodized coating
- Hard chrome piston rods
- Large port orifices
- Premium lubrication
- Self-lubricating piston rod bushing
- Internally lubricated seals
- Short lead time

The Festo DPCA is the original Pancake® Cylinder that was created to satisfy the need for short stroke cylinders that need to fit in very tight spaces. The smooth, cylindrical design enables it to hold up quite well in applications with harsh environments as there are no crevices or corners for debris to accumulate. The DPCA is manufactured in the USA and is available in 8 bore sizes up to 4" and standar strokes also up to 4" which make it a readily available, versatile compact actuator.

More performance and reliability

Robust construction due to high quality, solid aluminum construction.

Smooth cylindrical exterior with protective clear anodized coating enables superior corrosion resistance.

Premium lubrication provides excellent running characteristics and outstanding efficiency.

Self-lubricating piston rod bearing and internally lubricated seals enables superior service life and reliability.

Large port orifices enable faster speeds and permits faster cycle rates increasing productivity.

More applications

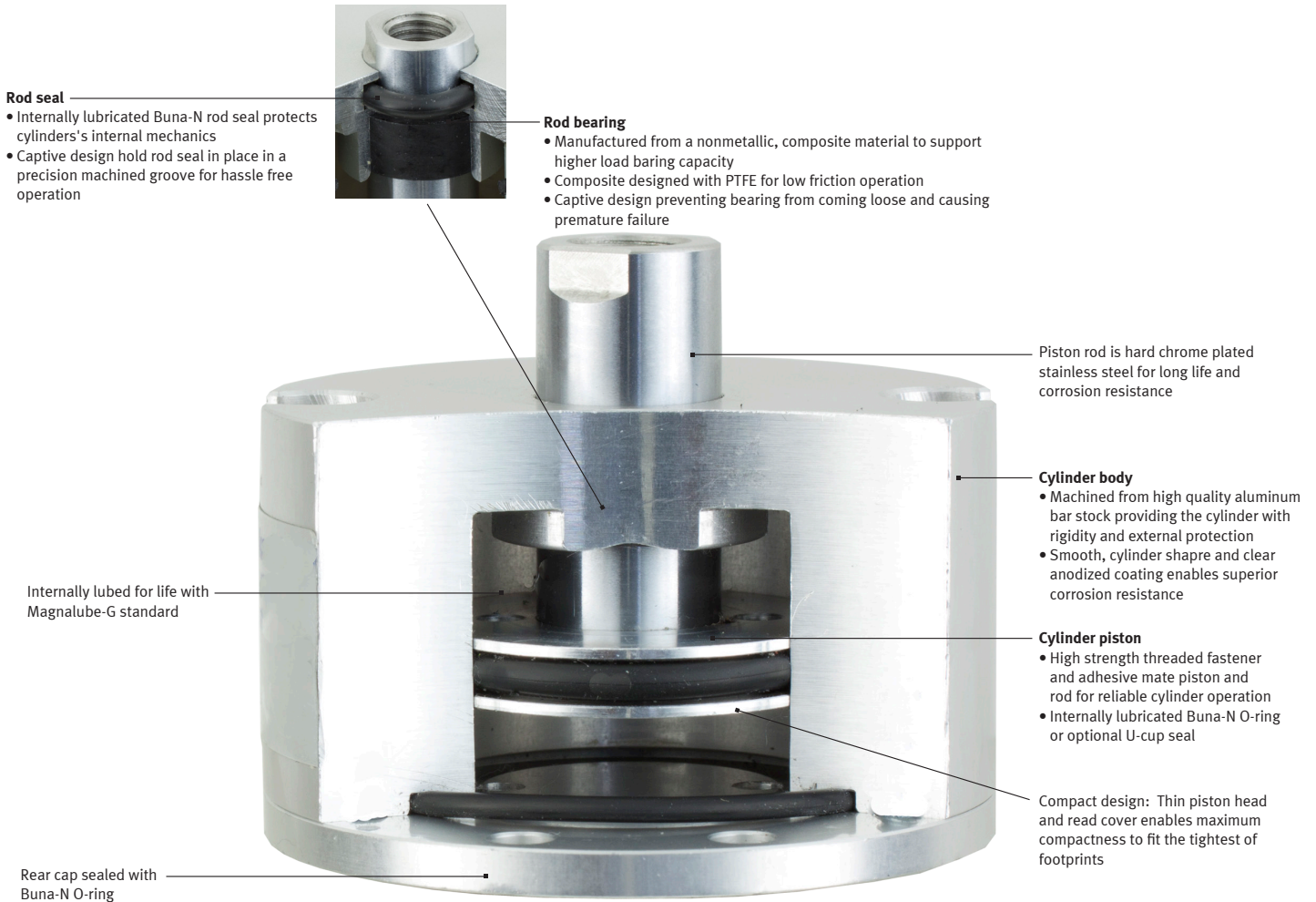
Available in a wide range of bore sizes from 1/2" to 4", and stroke lengths up to 4" as standard.

Unique adjustable stroke version enables manual and precise stroke adjustment.

An extensive range of variants and mounting accessories for most applications.

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DPCA Pancake Cylinders at a glance, key product feature overview



DPCA Pancake Cylinders at a glance, variants and accessories for greater flexibility

Available in 5 different variants

- Double acting, single rod
- Double acting, double rod
- Double acting, hole thru double rod
- Single acting, spring retracted rod
- Reverse acting, spring extended rod

Available configuration options:

- Female or male rod thread
- Viton and quad seals
- Non-rotating, internal guide pins
- Non-rotating hex rod
- Bumper cushions
- Clevis, Eye or Threaded nose mount
- Magnetic piston and sensor mounting

Available Accessories

- Clevis Bracket
 - Zinc die casting
 - Stainless steel pin
- Eye Bracket Kit
 - Zinc die-casting
 - Oil impregnated bushing
- Rod clevis and pin
 - Steel - black oxide
 - Stainless steel pin
- Magnetic Sensor with LED (Dovetail style)
 - Sourcing PNP
 - Sinking NPN

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