

# Superior interchangeable industrial air cylinder DPCB

FESTO



## Compact inch cylinder

### Highlights

- High strength composite cylinder barrel
- Clear anodized aluminum heads
- Stainless steel tie rods
- Premium lubrication
- Self-lubricating piston rod bushing
- Internally lubricated seals
- Short lead times



The DPCB is a pancake style compact actuator designed specifically to interchange with similar products in the market. This product's design capitalizes on common short stroke actuator deficiencies by incorporating a composite body, which enable it to hold up to impacts better than similar products with thin, stainless steel walls, as well as captive seals and rod bearing to allow for hassle-free operation. Similar to Festo's DPCA pancake actuator, this DPCB pneumatic short stroke cylinder is available in wide selection of models and options all in inch sizes.

### More performance and reliability

Superior performance due to high strength composite cylinder barrel with exceptional low friction and heat reducing operation.

Premium lubrication provides excellent running characteristics and outstanding efficiency.

Self-lubricating piston rod bushing and internally lubricated seals create a pneumatic cylinder with superior service life and reliability.

Solid body construction with composite barrel, clear anodized aluminum heads, stainless steel

tie rods and hard chrome piston rods, provide a durable cylinder for many applications

### More applications

DPCB offers direct interchangeability within the product classification of compact pancake cylinders.

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

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

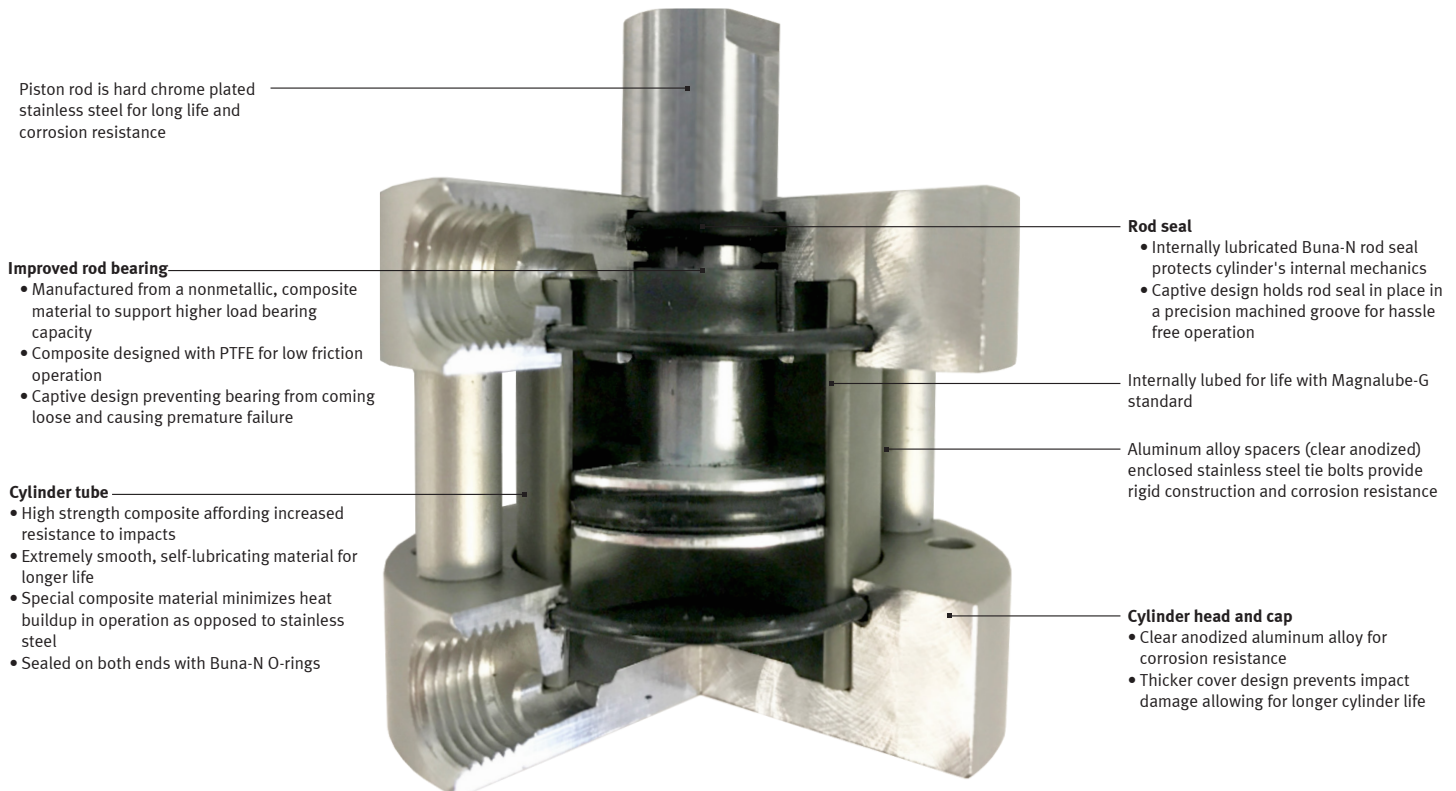
### More services connected with the product

CAD models for easier and faster design.

[www.festo.com](http://www.festo.com)

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## DPCB Pancake Cylinders at a glance, key product feature overview



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

### Available in 6 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
- Square end caps

### Available configuration options:

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

### Available accessories

- Clevis Bracket
  - Anodized aluminum alloy
  - Chrome plated steel pin
- Rod Eye
  - Steel with bronze brushing and nut
- Magnetic Sensor with LED (Dovetail style)
  - Sourcing PNP 6-24 V DC
  - Sinking NPN 6-24 V DC
- Spacer mounting clips for sensors
- Dovetail extrusion mounting for sensor

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