

# Interchangeable inch round air cylinder DPRA

FESTO



## Round inch cylinder

### Highlights

- Cost optimized
- Short lead times
- Stainless steel piston rod standard on all sizes
- Low friction U-cup seals; Viton optional
- Bumpers or air cushions optional
- Custom Solutions include:
  - Food grade grease
  - Stainless or polymer heads/caps
  - hollow rod
  - ...and more

The Festo DPRA is Festo's direct interchange round-body pneumatic cylinder. This product was designed to meet the specific requirements of this style of actuator: readily available with consistently short lead times, cost optimized, and flexibility for special modifications to suit almost any general automation application. The DPRA cylinder is offered in a complete range of 12 bore sizes and a variety of stroke lengths up to 12" with a wide selection of models and options as standard.

### More performance and reliability

Superior performance due to 303 stainless steel piston rod and 304 stainless housing providing low friction and long life.

Oil-impregnated piston rod bushing and low friction U-cup seals create a pneumatic cylinder with efficient performance, superior service life and reliability.

Premium lubrication provides excellent running characteristics and outstanding efficiency.

### More applications

DPRA offers direct interchangeability within the product classification of non-repairable round-body cylinders.

Available in a wide range of bore sizes from 3/4" to 2.5" stroke lengths up to 12" as standard.

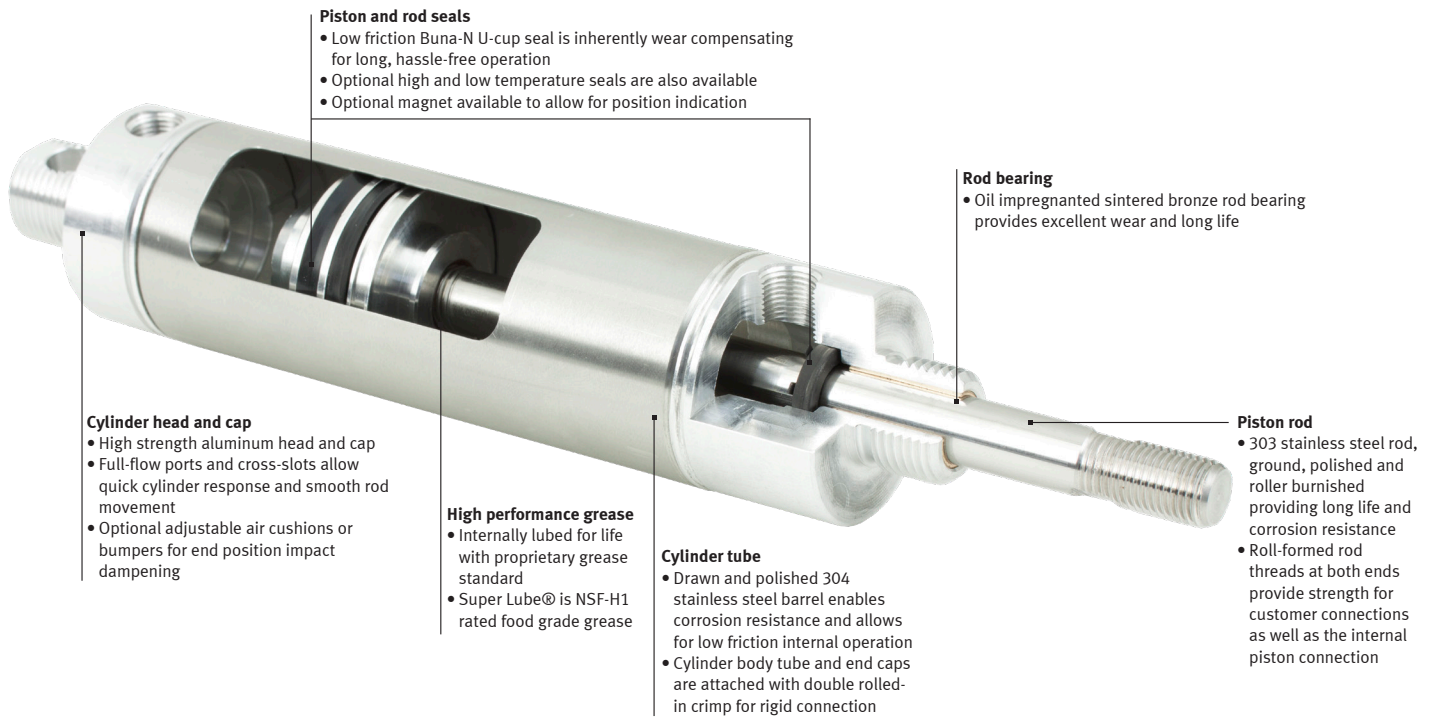
Standard 303 stainless steel piston rod provides corrosion resistance in harsh environments.

Optional high temperature and low temperature seals are available for special environments.

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

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## DPRA Interchangeable cylinder at a glance, key product feature overview



## DPRA cylinders at a glance, variants and accessories for greater flexibility

### Available in 5 different variants

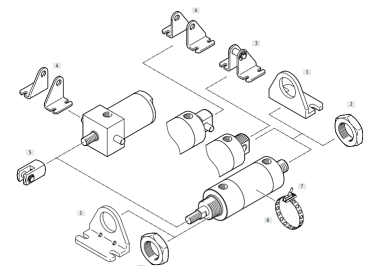
- Double acting, single rod
- Double acting, double rod
- Double acting, hole thru double rod
- Single acting, spring retracted rod
- Reverse acting, spring extended rod

### Available configuration options:

- Female or male rod thread
- Viton seals
- Axial supply port
- Non-rotating piston rod
- Bumper or adjustable air cushions
- Threaded nose mount, rear pivot, front block, trunnion mounting
- Magnetic piston for positioning sensing
- Piston rod & rod thread extensions

### Available accessories

- Swivel clevis brackets
- Mounting nuts
- Foot mount bracket
- Rod clevis
- Magnetic sensor with LED (Dovetail style)
  - Sourcing PNP 6-24 V DC
  - Sinking NPN 6-24 V DC
- Sensor mounting bracket



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