

Flow Products and Parker Engineered Solution - Part 3 of 3

Constructed of high quality, corrosion-resistant material and available in the widest selection of sizes, strokes and diameters available, Parker pneumatic cylinders, parts and kits offer unrivaled reliability and performance. The range of styles include standard and compact air cylinders, aluminum cylinders, guided cylinders, NFPA and ISO pneumatic cylinders, low profile pneumatic cylinders, tie rod pneumatic cylinders and stainless-steel air cylinders.



Pneumatic Actuator Products

Cylinders, Guided Cylinders and Rotary Actuators

Tie Rod Cylinders

4MA / 4ML Series - Flexible NFPA Cylinder



- Bore sizes 1-1/2 through 8 inch
- 20 standard mounting styles
- Pressures up to 250 PSIG
- Temperatures -50°F to 250°F
- Aluminum body construction

P1F Series - ISO 15552



- Bore sizes 32mm through 125mm, standard strokes to 2000mm
- Operating pressure (air) 1 to 10 bar
- Magnetic piston standard, adjustable cushions standard
- High temperature option to 150°F
- Low temperature option to -40°F
- Metallic scraper option for harsh environments

4MAP- Rodlock Cylinder



- Bore sizes 1-1/2 through 8 inch
- 17 standard mounting styles
- Pressures up to 100 PSIG
- Temperatures -10°F to 165°F
- Aluminum body construction

2MNR Series - Non-Rotating



- Bore sizes 1-1/2 through 4 inch
- 9 standard mounting styles
- Pressures up to 250 PSIG
- Temperatures -10°F to 165°F
- Non-rotating, multi-rod design

P1D Series - ISO 15552 / ISO 6431



- 5 available for maximum flexibility
- Bore sizes 32mm through 200mm
- 10 standard mounting styles
- Pressures up to 145 PSIG
- Temperatures -10°F to 250°F
- Aluminum body construction

Round Body Cylinders

SR / SRM / SRD / SRDM Series - Non-Repairable



- Bore sizes 5/16 through 3 inch
- 28 mounting styles
- Pressures up to 250 PSIG
- Temperatures -10°F to 165°F
- Stainless steel body construction

P1A Series - ISO Non-Repairable



- Bore sizes 10mm through 25mm
- 5 mounting styles
- Pressures up to 145 PSIG
- Temperatures -40°F to 302°F
- Stainless steel body construction

SRG / SRGM Series - Stainless Caps



- Bore sizes 1-1/16 through 3 inch
- Continuous position feedback
- Pressures up to 150 PSIG
- Temperatures 40°F to 165°F
- Stainless steel body construction

P Series - Repairable



- Bore sizes 1-1/8 through 4 inch
- 4 mounting styles
- Pressures up to 150 PSIG
- Temperatures -10°F to 250°F
- Aluminum body construction

P1A Series - ISO Non-Repairable



- Bore sizes 10mm through 25mm
- 5 mounting styles
- Pressures up to 145 PSIG
- Temperatures -40°F to 302°F
- Stainless steel body construction

Compact Cylinders

LP / LPM Series - Compact Cylinder



- Bore sizes 9/16 through 4 inch
- 6 mounting styles
- Pressures up to 145 PSIG
- Temperatures -10°F to 200°F
- Aluminum body construction

Guided Cylinders

P5T Series - Compact Guided



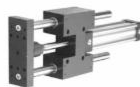
- Bore sizes 16mm through 100mm
- Pressures up to 145 PSIG
- Temperatures 0°F to 250°F
- Aluminum body construction
- Flexible porting: top, rear, side

P5E Series - P1D ISO Guided



- Bore sizes 32mm through 100mm
- Pressures up to 145 PSIG
- Temperatures 14°F to 165°F
- Aluminum body construction
- Rod lock version available

HB Series - Heavy Duty Guided



- Bore sizes 1-1/2 through 2-1/2 inch
- Thrust, Reach and Compact versions available
- Air service pressure up to 250 PSIG, hydraulic service up to 750 PSIG
- Temperatures 0°F to 250°F
- Aluminum body construction
- Rod lock version available

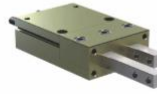
Automation Products

Precision Grippers



- Premium product for precision and durability
- Repeatability to + 0.0005mm
- Parallel 2 and 3 jaw
- Strokes to 73.5mm
- Grip forces to 44,000 N
- Clean room
- Electric grippers

Escapement



- Most effective mechanism for separating parts fed from conveyor
- Thrust force to 400 N
- Adjustable retract

Rodless Cylinders

OSP-P Series - Band Type Rodless



- Bore sizes 10mm through 80mm
- Pressures to max. 8 bar
- Temperatures -10°F to 80°F
- Aluminum body construction

GDL Series - Rails & Cassettes



- 6 sizes available
- Speed up to 10m/s (33 ft/s)
- Temperatures -10°C to 80°C
- Aluminum alloy rail
- Aluminum body construction

P1X Series - Band Type Rodless



- 7 bore sizes 16mm through 63mm
- Integral sensor mounting rail
- Pressures 7 to 100 PSIG
- Temperatures 40°F to 140°F
- Aluminum body construction

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As Parker's Diamond Team Distributor in Illinois, we continually try to provide our customers with engineered pneumatic solutions that improve productivity and enhance worker safety.

Contact us at 773-528-2000 or at sales2@flowprod.com to get started on improving your equipment performance!!

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