Hydraulic and Pneumatic Cylinder Products

Pneumatic Cylinders



Series PA-2

- Catalog HY08-SB0106
- Heavy Duty NFPA
- Bore sizes 1.00" to 14.00"
- Piston Rod diameters 0.50" to 5.50"
- Operating pressures to 250 psi
- 15 mounting styles
- Standard temperature -10°F to + 400°F



Series SA

- Catalog HY08-SB0914
- Stainless Steel Construction
- Heavy Duty NFPA Interchangeable
- Bore sizes 1.13" to 8.00"
- Pistion Rod diameters 0.38" to 1.75"
- Operating pressures to 250 psi
- 8 standard mounting styles
- For corrosive environments and food processing industry applications



Series VE

- Catalog HY08-SB0948
- Valve Actuation Cylinder
- Bore sizes 2.00" to 24.00"
- Piston Rod diameters 0.63" to 3.50"
- Operating pressures to 150 psi
- 2 Standard mounting styles
- Standard temperature -10°F to + 400°F
- Single or Double acting
- Spring extend or retract

Hydraulic Cylinders



Series PH

- Catalog HY08-SB1314
- Heavy Duty NFPA
- Bore sizes 1.50" to 6.00"
- Piston Rod diameters 0.63" to 3.50"
- Operating pressures to 3000 psi
- 19 standard mounting styles
- Standard temperature -10°F to + 400°F



Series PH Large Bore

- Catalog HY08-SB1314
- Large Bore Heavy Duty NFPA
- Bore sizes 7.00" to 20.00"
- Piston Rod diameters 3.00" to 10.00"
- Operating pressures to 3000 psi
- 17 standard mounting styles
- Standard temperature -10°F to + 250°F



Series PL-2

- Catalog HY08-SB0106
- Medium Duty Hydraulic
- Bore sizes 1.00" to 8.00"
- Piston Rod diameters 0.50" to 5.50"
- Operating pressures to 1000 psi
- 15 Standard mounting styles
- Standard temperature -10°F to + 400°F



Series HMI

- Catalog HY08-1151
- Metric ISO standard 6020-2
- Bore sizes 25mm to 200mm
- Piston Rod diameters 12mm to 140mm
- Operating pressures to 210 bar
- 12 Standard mounting styles
- Standard temperature -20°C to + 150°C

Hydraulic Roundline Cylinders

Series RDH

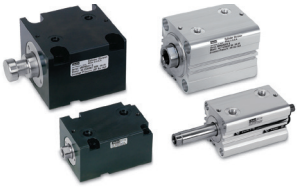
- Catalog HY08-SB1320
- Operating pressures to 3000 psi
- Bore sizes 1.50" to 8.00"
- 9 standard mounting styles
- 5 standard rod end styles (specials available for easy adaptability)
- Approximately 36% lower weight than comparable steel tie rod cylinder construction



Compact Hydraulic Cylinders

Series CHD/CHE (Metric)

- Catalog HY08-SB1137
- CHD 207 bar operating pressure
- CHE up to 140 bar operating pressures (bore dependent)
- Bore sizes 20mm to 100mm
- 13 mounting styles
- Standard Temperature -23°C to + 121°C
- Male and female rod ends standard, specials to order



Parker

Schrader Bellows®

ENGINEERING YOUR SUCCESS.

Hydraulic and Pneumatic Cylinder Products

Position Indicating Switches



- Catalog HY08-SB1132
- Piston Rod diameters of 0.50" to 4.00"
- Standard Temperature -10°F (-23°C) to +250°F (+121°C)
- Tie rod mounted switches actuated by a magnetic piston are available for Series PH in 1.50" - 6.00" bores
- Series PL-2 and PA-2 in 1.00" - 4.00" bores.
- Head and cap mounted switches are available for Series PA-2 up to 10.00" bore and Series PL-2 and PH up to 8.00" bore.

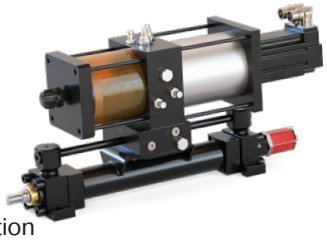
Linear Position Feedback



- Pneumatic and Hydraulic Cylinders Manifold Options
- 3 Options: LRT, LVDT, Embedded Wavescale
- Standard Temperature -40°F to +185°F
- Available on series PH, PL-2, PA-2, HMI and RDH
- Transtransducer prepped only or included

Hybrid Actuation System (HAS)

Series HAS 500



- Catalog HY08-4005
- Plug and Play
- Bore sizes 2.00" to 8.00"
- Piston Rod diameters 0.63" to 5.50"
- Operating pressures to 3000 psi
- 19 standard styles at various application ratings
- Standard temperature -10°F to +165°F
- Compact PMAC Motors
- High efficiency, pressure balanced gear pump with 10 displacements from 2-12 cc
- Four "Valve-Style" operations

Custom Cylinders



- Hydraulic, electro-hydraulic, pneumatic or electric cylinders
- Carbon steel, stainless steel, exotic steels, aluminum or composite
- Tie rod, extrude (profile), bolted mill-type or welded, telescopic or intensifier
- Bore sizes, stroke lengths and pressure ratings to suit your specific application.

Mounting Accessories

- Catalog HY08-SB1300
- Traditional mounting attachments
- Available in inch or metric sizes
  - –Rod clevis
  - –Eye bracket (cast iron or forged steel)
  - –Pivot pin
  - –Knuckle
  - –Clevis bracket (cast iron or fabricated steel)
- Spherical bearing
- Alignment aids
  - –Dual axis knuckle
  - –Alignment coupler
  - –Split flange coupler
  - –Weld plate
- Stainless steel attachments
  - –Rod clevis
  - –Eye bracket
  - –Pivot pin
  - –Knuckle
  - –Clevis bracket



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9/23 HY08-SB0800.01