

Hydraulic and Pneumatic Cylinder Products

Pneumatic Tie Rod Cylinders

PA-2 Series

- Catalog HY08-SB0106
- Heavy duty line
- Bore sizes from 1.00" to 14.00"
- Pressures to 250 psi
- 14 mounting styles
- High-temp capability (400°F)



Series SA (Stainless Steel)

- Catalog HY08-SB0914
- NFPA interchangeable
- Bore sizes from 1.13" to 8.00"
- Pressures to 250 psi
- 8 standard mounting styles
- For corrosive environments and food processing industry applications



Series VE

- Catalog HY08-SB0948
- Bore sizes from 2.00" to 24.00"
- Maximum working pressure – 150 psi
- Piston rod diameters – 0.625" to 3.500"
- Stroke lengths – bore diameter dependent
- Single and double rod construction available
- Spring extend or retract
- Double acting



Hydraulic Tie Rod Cylinders

PH-2 Series

- Catalog HY08-SB0106
- Heavy duty line
- Bore sizes from 1.50" to 6.00"
- Pressures to 3000 psi
- 16 mounting styles
- High-temp capability (400°F)



PH-3 Series

- Catalog HY08-SB0106
- Heavy duty line
- Bore sizes 7.00" & 8.00"
- 15 mounting styles
- Pressures to 3000 psi
- High-temp capability (400°F)



PL-2 Series

- Catalog HY08-SB0106
- Medium duty line
- Bore sizes from 1.00" to 8.00"
- Pressures to 1000 psi
- 14 mounting styles
- High-temp capability (400°F)



PH-3 Series Large Bore

- Catalog HY08-SB0106
- Heavy duty line
- Bore sizes from 10.00" to 20.00"
- 13 mounting styles
- Pressures to 3000 psi



Hydraulic Roundline Cylinders

Series RDH

- Catalog HY08-SB1320
- Operating pressure of 3000 psi
- Gross stroke lengths available in any practical length
- 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



For application questions call
(847) 298-2400, email sbcylmktg@parker.com or visit us on our website at:
www.schraderbellows.com

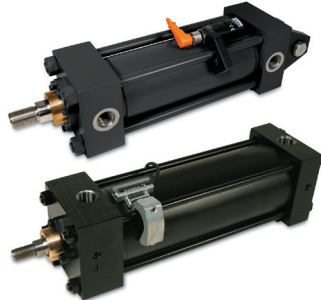


ENGINEERING YOUR SUCCESS.

Position Indicating Switches

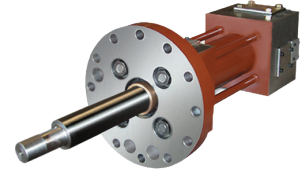
For Hydraulic and Pneumatic Cylinders

- Catalog HY08-SB1132
- Piston rod diameters of 0.625" to 4.000"
- Temperature range -10°F (-23°C) to +250°F (+121°C)
- Tie rod mounted switches actuated by a magnetic piston are available for Series PH-2 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-2 up to 8.00" bore.



Custom Cylinders

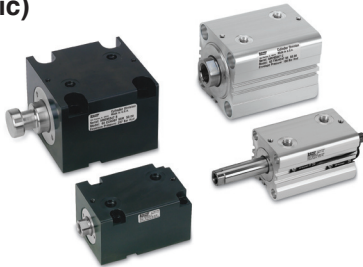
- Hydraulic, electro-hydraulic, pneumatic or electric cylinders
- Carbon steel, stainless steel, exotic steels, aluminum or composite
- Tie rod, extruded (profile), bolted mill-type or welded, telescopic, crimped or intensifier
- Bore sizes, stroke lengths and pressure ratings to suit your specific application.



Compact Hydraulic Cylinders Metric Hydraulic Cylinders

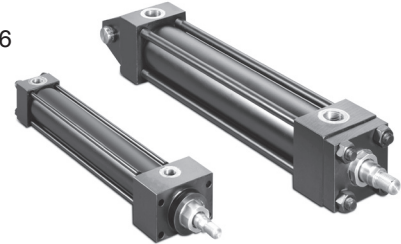
Series CHE/CHD (Metric)

- Catalog HY08-SB1137
- CHD – 207 bar operating pressure
- CHE – up to 140 bar operating pressure (bore dependent)
- Bore sizes from 20mm through 100mm
- 13 mounting styles
- Temperature range -23°C to +121°C
- Male and female rod ends standard, specials to order
- SAE, NPT or BSPP porting standard



SHM ISO (Metric)

- Catalog HY08-SB0106
- ISO Standard 6020/2
- Heavy duty line
- 12 mounting styles
- Single and double rod ends
- Pressures to 210 bar (3000 psi)
- Bore sizes from 25mm to 200mm
- Metric rod, tube, ports and fasteners



Mounting Accessories

- Catalog HY08-SB1300
- Traditional mounting attachments
 - 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

