

Series 2H Heavy Duty Hydraulic Cylinders

Specifications/ Mountings

Standard Specifications

- Heavy Duty Service – ANSI/(NFPA) T3.6.7R2 - 1996 Specifications and Mounting Dimension Standards
- Standard Construction – Square Head – Tie Rod Design
- Nominal Pressure – 3000 P.S.I.*
- Standard Fluid – Hydraulic Oil
- Standard Temperature – -10° F to +165° F**
- Bore Sizes – 1½" through 6" (Larger sizes available)

In line with our policy of continuing product improvement, specifications in this catalog are subject to change.

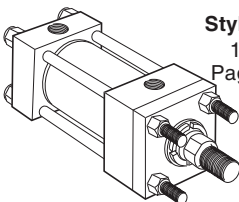
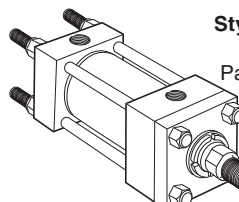
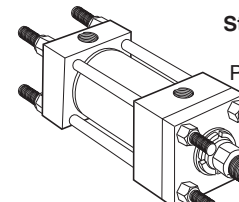
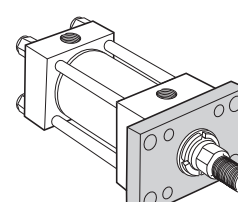
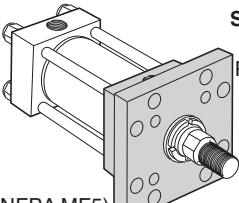
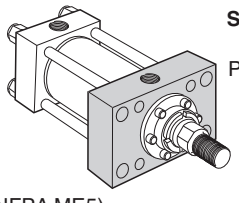
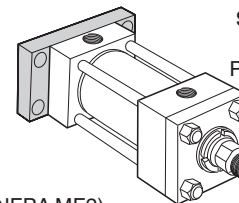
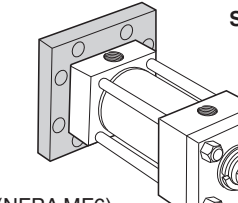
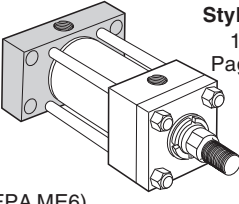
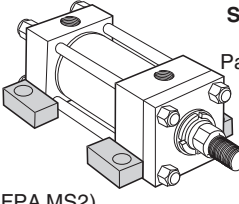
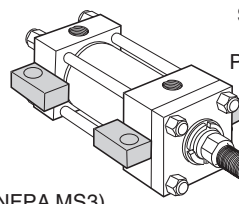
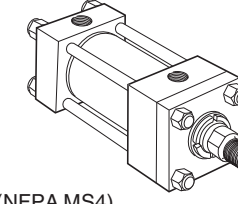
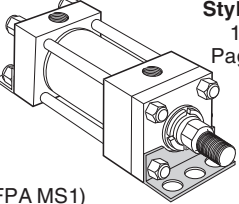
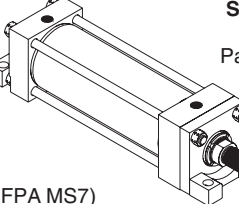
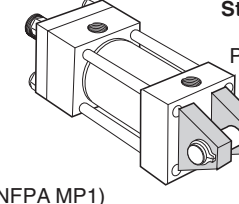
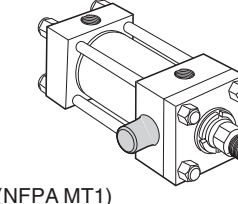
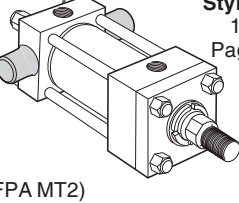
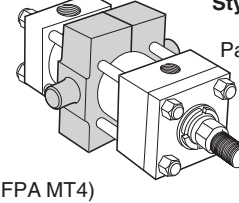
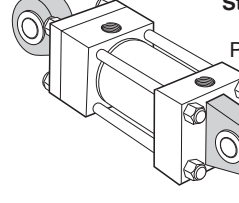
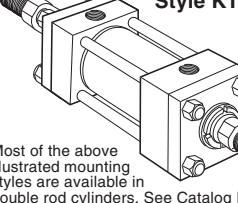
Note: Series 2H Hydraulic Cylinders fully meet ANSI/(NFPA) T3.6.7R2 - 1996 Specifications and Mounting Dimension Standards for Square Head Industrial Fluid Power Cylinders.

- Piston Rod Diameter – 5/8" through 4"
- Mounting Styles – 18 standard styles at various application ratings
- Strokes – Available in any practical stroke length
- Cushions – Optional at either end or both ends of stroke. "Float Check" at cap end.
- Rod Ends – Three Standard Choices – Specials to Order

*If hydraulic operating pressure exceeds 3000 P.S.I., send application data for engineering evaluation and recommendation. See section C, page 84 for actual design factors.

** See section C, page 83 for higher temperature service.

Available Mounting Styles

<p>Tie Rods Extended Head End</p>  <p>Style TB 1½"-6" Page 44</p> <p>(NFPA MX3)</p>	<p>Tie Rods Extended Cap End</p>  <p>Style TC 1½"-6" Page 44</p> <p>(NFPA MX2)</p>	<p>Tie Rods Extended Both Ends</p>  <p>Style TD 1½"-6" Page 44</p> <p>(NFPA MX1)</p>	<p>Head Rectangular Flange</p>  <p>Style J 1½"-6" Page 46</p> <p>(NFPA MF1)</p>
<p>Head Square Flange</p>  <p>Style JB 1½"-6" Page 46</p> <p>(NFPA MF5)</p>	<p>Head Rectangular</p>  <p>Style JJ 1½"-6" Page 46</p> <p>(NFPA ME5)</p>	<p>Cap Rectangular Flange</p>  <p>Style H 1½"-6" Page 48</p> <p>(NFPA MF2)</p>	<p>Cap Square Flange</p>  <p>Style HB 1½"-6" Page 48</p> <p>(NFPA MF6)</p>
<p>Cap Rectangular</p>  <p>Style HH 1½"-6" Page 48</p> <p>(NFPA ME6)</p>	<p>Side Lug</p>  <p>Style C 1½"-6" Page 50</p> <p>(NFPA MS2)</p>	<p>Centerline Lugs</p>  <p>Style E 1½"-6" Page 50</p> <p>(NFPA MS3)</p>	<p>Side Tapped</p>  <p>Style F 1½"-6" Page 50</p> <p>(NFPA MS4)</p>
<p>Side End Angles</p>  <p>Style CB 1½"-6" Page 52</p> <p>(NFPA MS1)</p>	<p>Side End Lugs</p>  <p>Style G 1½"-6" Page 52</p> <p>(NFPA MS7)</p>	<p>Cap Fixed Clevis</p>  <p>Style BB 1½"-6" Page 52</p> <p>(NFPA MP1)</p>	<p>Head Trunnion</p>  <p>Style D 1½"-6" Page 54</p> <p>(NFPA MT1)</p>
<p>Cap Trunnion</p>  <p>Style DB 1½"-6" Page 54</p> <p>(NFPA MT2)</p>	<p>Intermediate Fixed Trunnion</p>  <p>Style DD 1½"-6" Page 54</p> <p>(NFPA MT4)</p>	<p>Spherical Bearing</p>  <p>Style SB 1½"-6" Page 56</p>	<p>Double Rod Cylinders</p>  <p>Style KT Shown 1½"-6"</p> <p>Most of the above illustrated mounting styles are available in double rod cylinders. See Catalog Page 58.</p>

For Cylinder Division Plant Locations – See Page II.