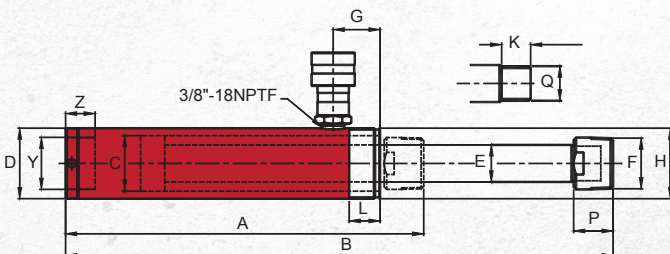


## PULL CYLINDERS

- High strength steel construction
- One piece high grade alloy bearing for side load protection and longer life
- Polyurethane cup seal helps provide for optimum performance
- External rod threads
- Internal base threads
- Used for pulling and tensioning
- Maximum working pressure: 10,000 psi / 700 bar



**High-Flow Coupler:CH38F**  
Included on all models



| Cylinder Capacity (tons) | Stroke (in) | Model Number | Cylinder Effective Area (in <sup>2</sup> ) | Internal Pressure at Capacity (psi) | Oil Capacity (in <sup>3</sup> ) | Collapsed Height A (in) | Extended Height B (in) | Outside Diameter D (in) | Cylinder Bore Diameter C (in) | Top to Inlet Port G (in) | Collar   |                      |
|--------------------------|-------------|--------------|--------------------------------------------|-------------------------------------|---------------------------------|-------------------------|------------------------|-------------------------|-------------------------------|--------------------------|----------|----------------------|
|                          |             |              |                                            |                                     |                                 |                         |                        |                         |                               |                          | Thread H | Thread Length L (in) |
| 2.5                      | 5.00        | HP0205       | 0.56                                       | 7,905                               | 2.78                            | 10.55                   | 15.55                  | 1.89                    | 1.13                          | 1.65                     | 1½"-16   | 0.98                 |
| 5                        | 5.55        | HP0505       | 1.14                                       | 8,772                               | 6.34                            | 11.93                   | 17.48                  | 2.25                    | 1.69                          | 1.50                     | 2¼"-14   | 1.00                 |
| 10                       | 5.95        | HP1006       | 2.44                                       | 7,663                               | 14.48                           | 11.75                   | 17.70                  | 3.35                    | 2.17                          | 1.50                     | M85x2    | 1.00                 |

| Model Number | Adapter       |               | Rod         |                      |               | Base Mounting Hole |              | Weight (lbs) |
|--------------|---------------|---------------|-------------|----------------------|---------------|--------------------|--------------|--------------|
|              | Thread F (in) | Length P (in) | Dia. E (in) | Thread Length K (in) | Thread Q (mm) | Thread Y           | Depth Z (in) |              |
| HP0205       | ¾"-14NPTF     | 1.13          | 0.75        | 0.76                 | M16 x 1.5     | ¾"-14NPTF          | 0.72         | 6.4          |
| HP0505       | 1¼"-11.5NPTF  | 1.25          | 1.18        | 0.93                 | M28 x 1.5     | 1¼"-11.5NPTF       | 0.95         | 9.3          |
| HP1006       | -             | -             | 1.26        | 1.02                 | M30 x 2       | M30x2              | 0.98         | 20.9         |