

# WELDED HYDRAULIC CYLINDERS



**CHIEF**®

## CHIEF™ WC WELDED CYLINDERS

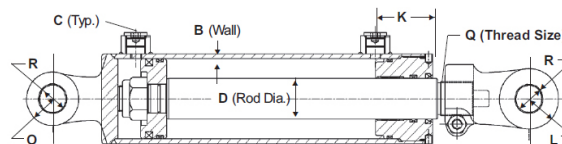
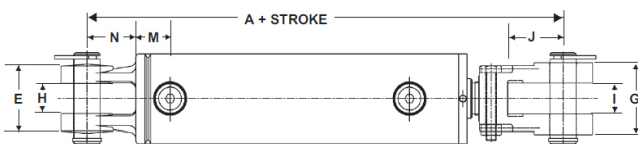
The **CHIEF™ WC** 3000 PSI is a high quality welded cylinder with a strong forged steel base. The new CHIEF™ WC model has a screw-in gland that reduces the cylinder profile by replacing the collar style gland. The CHIEF™ WC provides added strength to agricultural implements, compact construction and transportation equipment, as well as waste/recycling applications. The base end clevis extends out 2 inches to ensure greater swing radius and maximum flexibility. Need more? The cylinders have SAE O-ring ports that allow for easy hookup.

Every **CHIEF™ WC** cylinder is functionally tested and pressurized to 1.5 times the normal working pressure to ensure performance reliability. Available in bore sizes from 1.5" to 4" and strokes from 4" to 48". The CHIEF™ WC has a 3,000 PSI operating range and **3 year limited warranty**. Custom colors and stroke lengths are available.

**3000 PSI**

## DESCRIPTION

**Intended Use:** Double-acting applications • **Piston:** Ductile iron • **Gland:** Ductile iron, drilled oil passages • **Tube:** Precision honed steel • **Rod:** Hard chrome plated • **End Mounts:** Ductile iron female clevises with pins and clips included • **Tube Seals:** Buna O-ring • **Rod Seal:** Deep polypak with B lip design • **Rod Wiper:** Urethane, snap-in • **Piston Seal:** Hallite 755 for prolonged wear resistance with wear ring • **All Seals:** Manufactured to US specifications • **Ports:** NPT • **Paint:** Black, unless otherwise indicated. Custom colors are available • **Packaging:** Individually poly bagged



**Dimensional Data in Inches (Millimeters)**

| DIMENSIONS       |                    |                 |       |                   |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |             |                  |
|------------------|--------------------|-----------------|-------|-------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|-------------|------------------|
| BORE             | A*                 | B               | C     | D                 | E                | G                | H                | I                | J                | K                | L                | M                | N                | O                | Q           | T                |
| 1.500<br>(38.10) | 10.250<br>(260.35) | 0.188<br>(4.78) | SAE 6 | .75***<br>(19.05) | 1.850<br>(46.99) | 1.732<br>(43.99) | 0.787<br>(19.99) | 0.787<br>(19.99) | 2.216<br>(56.29) | 2.125<br>(53.98) | 0.906<br>(23.01) | 0.922<br>(23.42) | 2.126<br>(54.00) | 0.787<br>(19.99) | NA          | 0.765<br>(19.43) |
| 2.000<br>(51)    | 10.250<br>(260)    | 0.188<br>(4.8)  | SAE 8 | 1.125<br>(28.6)   | 2.618<br>(66.50) | 2.500<br>(63.5)  | 1.126<br>(28.60) | 1.165<br>(29.59) | 2.125<br>(54.0)  | 1.895<br>(48.13) | 1.000<br>(25.4)  | 1.044<br>(26.52) | 2.125<br>(54.0)  | 1.000<br>(25.4)  | 1/8-12 UNF  | 1.011<br>(25.7)  |
| 2.500<br>(64)    | 10.250<br>(260)    | 0.188<br>(4.8)  | SAE 8 | 1.250<br>(31.8)   | 2.618<br>(66.50) | 2.500<br>(63.5)  | 1.134<br>(28.80) | 1.165<br>(29.59) | 2.125<br>(54.0)  | 2.020<br>(51.31) | 1.000<br>(25.4)  | 1.044<br>(26.52) | 2.125<br>(54.0)  | 1.000<br>(25.4)  | 11/8-12 UNF | 1.011<br>(25.7)  |
| 3.000<br>(76)    | 10.250<br>(260)    | 0.188<br>(4.8)  | SAE 8 | 1.500<br>(38.1)   | 2.618<br>(66.50) | 2.717<br>(69.01) | 1.134<br>(28.80) | 1.165<br>(29.59) | 2.125<br>(54.0)  | 2.199<br>(55.85) | 1.132<br>(28.75) | 1.310<br>(33.27) | 1.875<br>(47.6)  | 1.000<br>(25.4)  | 11/4-12 UNF | 1.011<br>(25.7)  |
| 3.500<br>(89)    | 10.250<br>(260)    | 0.188<br>(4.8)  | SAE 8 | 1.750<br>(44.5)   | 2.618<br>(66.50) | 2.717<br>(69.01) | 1.134<br>(28.80) | 1.165<br>(29.59) | 2.125<br>(54.0)  | 2.313<br>(58.75) | 1.132<br>(28.75) | 1.252<br>(31.80) | 1.875<br>(47.6)  | 1.000<br>(25.4)  | 11/4-12 UNF | 1.011<br>(25.7)  |
| 4.000<br>(102)   | 10.250<br>(260)    | 0.25<br>(6.4)   | SAE 8 | 2.000<br>(50.8)   | 2.622<br>(66.60) | 2.717<br>(69.01) | 1.134<br>(28.80) | 1.165<br>(29.59) | 2.125<br>(54.0)  | 2.208<br>(56.08) | 1.132<br>(28.75) | 1.614<br>(41.00) | 1.750<br>(44.5)  | 1.250<br>(31.75) | 11/4-12 UNF | 1.011<br>(25.7)  |

\* Dimension "A" is 12 1/4" (311.2) for 8" (203.2) stroke ASAE cylinders. \*\* Clevis welded to rod on 1.5" bore sizes, all other sizes are threaded \*\*\*1.5" bore with strokes 18" and above have 1" rod diameter.

**CUSTOM QUOTES ONLINE AT [BAILEYOEMSOLUTIONS.COM](http://BAILEYOEMSOLUTIONS.COM)**