WELDED HYDRAULIC CYLINDERS

CHIEF™ WT WELDED CYLINDERS

CHIEF®

MADE IN THE USA

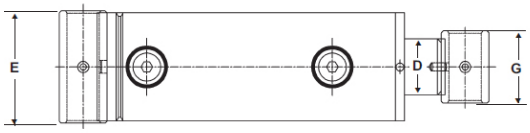
The CHIEF™ WT is a high quality welded cylinder designed for heavier loads. The rod and base ends are welded cross-tubes with grease zerks. Designed for performance, the CHIEF™ WT has a heavy-duty piston as well as a piston stem complete with wear rings to reduce friction. The screw-in gland is removable from the rod end. These cylinders are ideally suited for construction and agricultural applications, as well as other industries like metal fabricating, waste/recycling and OEM trailer manufacturing. Includes SAE o-ring port hookups on small bores and NPT on large bores.

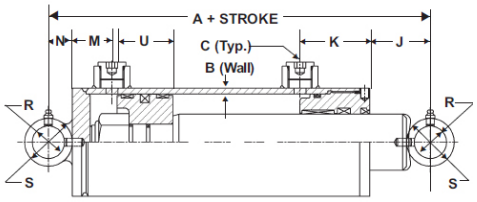
Every CHIEF™ WT cylinder is functionally tested and pressurized to 1.5 times the normal working pressure to ensure performance reliability. The CHIEF™ WT is available in bore sizes from 2" to 8" and standard strokes from 4" to 72". WT cylinders have a 3,000 PSI operating range and **3 year limited warranty**. Custom colors and strokes are available. (**Note: 5", 6" and 8" bores have an externally mounted retainer ring.)**

3000 PSI

DESCRIPTION

Intended Use: Double-acting applications • **Piston:** Ductile iron with wear ring(s) • **Gland:** Ductile iron, screw-in design with wear ring • **Tube:** Precision honed steel • **Rod:** Ground and polished chromed steel, minimum 75,000 PSI yield • **Butt Plate:** Steel • **End Mounts:** Steel cross-tubes with grease zerk • **Spacer Tube:** Steel on 48" stroke and above • **Gland Seal:** Polyurethane U-cup • **Wiper:** Polyurethane • **Piston Seal:** 755 Hallite with wear ring(s) • **All Other Seals:** Selected and designed for Maximum life • **Ports:** SAE O-ring • **Paint:** Black





Dimensional Data in Inches (Millimeters)

BORE	DIMENSIONS A*	B	C	D	E	G	J	K	M	N	R	S	T	U
2.000 (50.8)	7.000 (177.8)	0.188 (4.8)	SAE 8	1.250 (31.8)	2.500 (63.50)	1.750 (44.5)	2.440 (61.98)	1.880 (47.75)	0.970 (24.64)	0.630 (16.00)	0.765 (19.4)	1.250 (31.8)	NA NA	1.000 (25.40)
2.500 (63.5)	8.000 (203.2)	0.188 (4.8)	SAE 8	1.500 (38.1)	3.000 (76.20)	2.000 (50.8)	3.120 (79.25)	2.000 (50.80)	1.125 (26.42)	0.630 (16.00)	0.765 (19.4)	1.250 (31.8)	NA NA	1.000 (25.40)
3.000 (76.2)	8.000 (203.2)	0.188 (4.8)	SAE 8	1.750 (44.5)	3.500 (88.90)	2.250 (57.2)	1.910 (48.51)	2.190 (55.63)	1.250 (31.75)	0.750 (19.1)	1.015 (25.8)	1.500 (38.1)	NA NA	1.750 (44.45)
3.500 (88.9)	8.000 (203.2)	0.188 (4.8)	SAE 8	2.000 (50.8)	4.000 (101.60)	2.500 (63.5)	1.600 (40.64)	2.310 (58.67)	1.310 (33.27)	0.750 (19.1)	1.015 (25.8)	1.500 (38.1)	NA NA	1.750 (44.45)
4.000 (101.6)	9.000 (228.60)	0.250 (6.4)	SAE 8	2.250 (57.2)	4.625 (117.48)	4.000 (101.6)	2.073 (52.65)	2.185 (55.50)	1.610 (40.89)	1.000 (25.4)	1.265 (32.1)	2.000 (50.8)	NA NA	1.875 (47.63)
5.000 (127)	11.00 (279.4)	0.250 (6.4)	3/4" NPT	2.500 (63.5)	5.750 (146.1)	4.000 (101.6)	2.750 (69.9)	3.000 (76.2)	2.000 (50.8)	1.250 (31.8)	1.515 (38.5)	2.500 (63.5)	6.250 (158.8)	2.00 (50.8)
6.000 (152.4)	11.00 (279.4)	0.250 (6.4)	3/4" NPT	3.000 (76.2)	6.750 (171.5)	4.000 (101.6)	2.250 (57.2)	3.000 (76.2)	2.250 (57.2)	1.250 (31.8)	1.515 (38.5)	2.500 (63.5)	7.250 (184.2)	2.25 (57.2)
8.000 (203.2)	16.00 (406.4)	0.375 (9.5)	1" NPT	4.000 (101.6)	9.000 (228.6)	5.000 (127.0)	3.500 (88.9)	3.313 (84.2)	3.187 (80.9)	2.000 (50.8)	2.515 (63.9)	4.000 (101.6)	9.910 (251.7)	4.00 (101.6)

*Dimension * A 2.000 (50.8) spacer is added at 48.000 (1219.2) stroke, and an additional 1.000 (25.4) is added for each additional 6.000 (152.4) of stroke thereafter to a 6.000 (152.4) Maximum spacer. ** For 2.0" with 1.0" pins "J" = 2.32", For 2.5" with 1.0" pins "J" = 3.00". ***For 2.0" and 2.5" bore there are additional cylinders the difference being R = 1.015" and S = 1.500". (25.8) Note: 5", 6" and 8" bores have an externally mounted retainer ring.