

# WELDED HYDRAULIC CYLINDERS



## CHIEF™ WTG CYLINDERS Featuring Tang Mounts and 360° Rotating Gland/Port

The CHIEF™ WTG is one of our highest duty-rated cylinder lines. Tang cylinders are also referred to as lug end cylinders, because they have a one piece lug mount welded to both the rod and base end. It can also be utilized with a spherical ball or steel bushing insert to assist in longer wear life. Tang cylinders are most commonly used in heavy duty construction equipment. The CHIEF™ WTG features a 3,600 psi pressure rating, forged steel tang mountings with integral heavy duty bushings, SAE O-Ring porting and Bailey's patented 360° rotating gland.

Every CHIEF™ WTG cylinder is functionally tested and pressurized to 5000 PSI to ensure performance reliability. The WTG is available in bore sizes from 2" to 4" and standard strokes from 8" to 48". WTG cylinders have a 3 year limited warranty. Custom colors and strokes are available.

- Induction Hardened, Hard Chrome Plated Piston Rod
- Forged Steel Tang Mounts
- Spherical Bearings With Grease Zerk On Rod
- Steel Bushings With Grease Zerk On Base End
- Recessed SAE O-Ring Ports
- Durable 2-part Urethane Finish
- 360° Rotating Gland Port



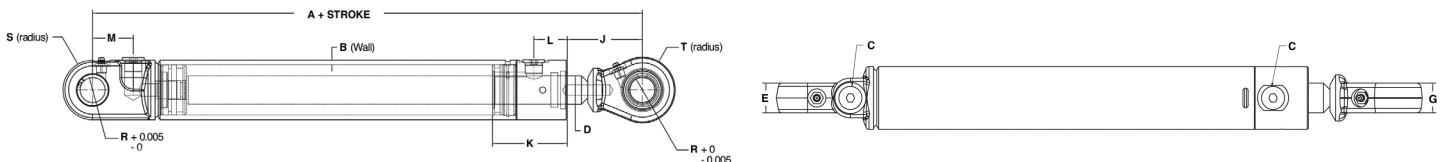
MADE IN THE USA

**3600 PSI**

## DESCRIPTION

Bailey US Patent No. 7350453 B1

**Intended Use:** Double-acting applications. **Piston:** Ductile iron, thread-on with wear ring. **Gland:** Keyed joint, ductile iron. **Tube:** Precision honed steel. **Rod:** Induction hardened, hard chrome plated. **Rod End Mount:** Cast 1045 steel, welded-on. Spherical bearing with retaining ring. 1/8" NPT grease zerk. **Base End Mount:** Cast 1045 Steel, hardened spring steel bushing, 1/8" NPT grease zerk. **Tube Seal:** Buna o-ring with polytemp hytrel backup. **Rod Seal:** Deep polypak with B lip design. **Rod Wiper:** Urethane, snap-in. **Piston Seals:** Hallite 755 for prolonged wear resistance, with wear ring. **All Seals:** Manufactured to U.S. specifications. **Ports:** SAE o-Ring. Paint: Black. Custom colors are available.



### Dimensional Data in Inches (Millimeters)

BORE	DIMENSIONS												
	A	B	C	D	E	G	J	K	L	M	R	S	T
2.000 (50.8)	10.000 (254.0)	0.188 (4.8)	SAE #8	1.125 (28.6)	1.120 (28.4)	1.120 (28.4)	2.883 (73.2)	2.992 (76.0)	1.339 (34.0)	1.625 (25.4)	1.000 (25.4)	1.190 (30.2)	1.310 (33.3)
2.500 (63.5)	10.000 (254.0)	0.188 (4.8)	SAE #8	1.375 (34.9)	1.120 (28.4)	1.120 (28.4)	2.758 (70.1)	2.992 (76.0)	1.339 (34.0)	1.688 (42.9)	1.000 (25.4)	1.310 (33.3)	1.310 (33.3)
3.000 (76.2)	10.000 (254.0)	0.188 (4.8)	SAE #8	1.500 (38.1)	1.120 (28.4)	1.120 (28.4)	2.758 (70.1)	2.992 (76.0)	1.339 (34.0)	1.688 (42.9)	1.000 (25.4)	1.310 (33.3)	1.310 (33.3)
3.500 (88.9)	10.000 (254.0)	0.250 (6.4)	SAE #8	1.750 (44.4)	1.120 (28.4)	1.120 (28.4)	2.607 (66.2)	3.268 (83.0)	1.378 (35.0)	1.688 (42.9)	1.000 (25.4)	1.310 (33.3)	1.310 (33.3)
4.000 (101.6)	11.000 (279.4)	0.250 (6.4)	SAE #8	2.000 (50.8)	1.250 (31.8)	1.250 (31.8)	2.957 (75.1)	3.543 (90.0)	1.535 (39.0)	1.625 (41.3)	1.250 (31.8)	1.630 (41.4)	1.630 (41.4)

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