

CHIEF[®] TC3

Hydraulic Cylinders by Bailey

Top-of-the-Line Tie-Rod, 3000 PSI and SAE O-ring Ports

The Chief TC3 is our highest quality 3000 PSI tie-rod cylinder design with more strength and durability than our Chief TC model. It performs well in agricultural applications and other industries like OEM manufacture of truck & trailers, construction, Material Handling, and waste/recycling. The base end clevis extends out 2 inches for greater swing ability on applications. SAE O-ring ports for easy hookup.

Each and every Chief TC3 cylinder is functionally tested and pressurized to 1.5 times the normal working pressure to insure performance reliability. The Chief TC3 is available in bore sizes from 2" to 5" and strokes from 4" to 60". It has a 3,000 PSI operating range and **our best limited warranty at 4 years**. Cylinder can be customized to meet OEM requirements on large orders. Painted black, available in custom colors.

- Hard Chrome Plated Rod
- Hallite 755 Piston Seal with Wear Ring
- Ductile Iron Piston & Gland
- SAE O-ring Ports
- High Strength Clevis Mounting
- 3000 PSI Working Pressure



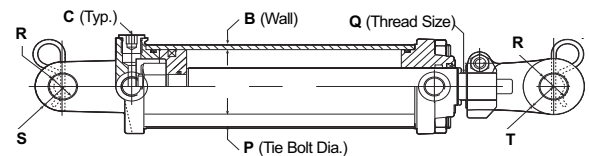
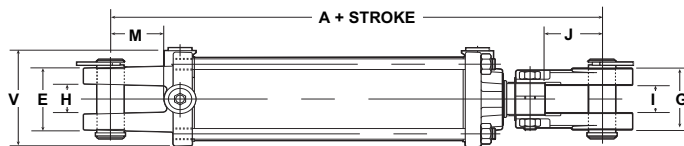
3000 PSI

Imported Chief cylinders are manufactured at ISO 9001:2000 Certified Facilities

Chief TC3 Tie-Rod Cylinder

Bore Sizes 2" to 5" Strokes from 4" to 60"

Intended Use: Double-acting applications • **Piston:** Ductile iron • **Gland:** Ductile iron, drilled oil passages • **Tube:** Precision honed steel • **Rod:** Hard chrome plated • **End Mounts:** High strength, ductile iron female clevises with pins and R-clips included • **Tube Seal:** Buna O-ring with Polytemp hytrel backup • **Rod Seal:** Twin lip design for a dry rod • **Rod Wiper:** D style prevents contamination • **Piston Seal:** Hallite 755 for prolonged wear resistance with wear ring • **All Seals:** Manufactured to US specifications • **Ports:** SAE O-ring • **Paint:** Black, unless otherwise indicated. Custom colors are available • **Packaging:** Individually poly bagged



Dimensional Data in Inches (Millimeters)															
BORE	A*	B	C	E	G	H	I	J	M	P	Q	R**	S	T	V
2.000 (50.8)	10.250 (260.4)	0.188 (4.78)	SAE 8 3/4-16	2.345 (59.6)	2.500 (63.5)	1.125 (28.6)	1.125 (28.6)	2.125 (54.0)	2.000 (50.8)	0.350 (8.9)	11/8-12 UNF	1.015 (25.8)	0.945 (24.0)	1.000 (25.4)	2.969 (75.4)
2.500 (63.5)	10.250 (260.4)	0.188 (4.78)	SAE 8 3/4-16	2.380 (60.5)	2.500 (63.5)	1.125 (28.6)	1.125 (28.6)	2.125 (54.0)	2.000 (50.8)	0.350 (8.9)	11/8-12 UNF	1.015 (25.8)	0.945 (24.0)	1.000 (25.4)	3.312 (84.1)
3.000 (76.2)	10.250 (260.4)	0.188 (4.78)	SAE 8 3/4-16	2.500 (63.5)	2.717 (69.0)	1.125 (28.6)	1.125 (28.6)	2.125 (54.0)	2.000 (50.8)	0.425 (10.8)	11/4-12 UNF	1.015 (25.8)	1.000 (25.4)	1.132 (28.8)	4.062 (103.2)
3.500 (88.9)	10.250 (260.4)	0.188 (4.78)	SAE 8 3/4-16	2.600 (66.0)	2.717 (69.0)	1.125 (28.6)	1.125 (28.6)	2.125 (54.0)	2.000 (50.8)	0.496 (12.6)	11/4-12 UNF	1.015 (25.8)	1.132 (28.8)	1.132 (28.8)	4.562 (115.9)
4.000 (101.6)	10.250 (260.4)	0.250 (6.35)	SAE 8 3/4-16	2.660 (67.6)	2.717 (69.0)	1.125 (28.6)	1.125 (28.6)	2.125 (54.0)	2.000 (50.8)	0.577 (14.7)	11/4-12 UNF	1.015 (25.8)	1.250 (31.8)	1.132 (28.8)	5.250 (133.4)
5.000 (127.0)	12.250 (311.2)	0.250 (6.35)	SAE 12 11/16-12	2.875 (73.0)	2.953 (75.0)	1.2 (30.48)	1.2 (30.48)	2.125 (54.0)	2.118 (53.8)	0.722 (18.3)	11/2-12 UNF	1.265 (32.1)	1.378 (35.0)	1.378 (35.0)	6.500 (165.1)

* Retracted length is 12.250 (311.2) for 8.000 (203.2) stroke ASAE cylinders and 15.500 (393.7) for 16.000 (406.4) stroke ASAE cylinders.

** Pin hole diameter is 1.265 (32.1) for 16.000 (406.4) stroke ASAE cylinders.



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