

TIE-ROD HYDRAULIC CYLINDERS



CHIEF™ TC3 TIE-ROD CYLINDERS

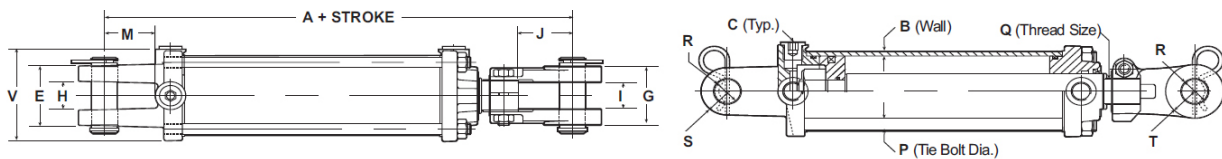
The CHIEF™ TC3 3000 PSI tie-rod cylinder is designed to provide outstanding performance in a variety of applications, including agricultural implements, compact construction and transportation equipment, as well as waste/recycling applications. The base end clevis extends out 2" for greater swing ability on applications. SAE O-ring ports for easy hookup.

Every CHIEF™ TC3 cylinder is functionally tested and pressurized to 1.5 times the normal working pressure to ensure performance reliability. The CHIEF™ TC3 is available in bore sizes from 2" to 5" and standard strokes from 4" to 60". CHIEF™ TC3 cylinders have a 3,000 PSI operating range and our best limited warranty at 4 years. Custom colrs and strokes 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:** 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	DIMENSIONS														
	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	2.500 (63.5)	2.500 (63.5)	1.165 (29.59)	1.165 (29.59)	2.125 (54.0)	2.060 (52.32)	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	2.500 (63.5)	2.500 (63.5)	1.165 (29.59)	1.165 (29.59)	2.125 (54.0)	2.060 (52.32)	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)	1.165 (29.59)	1.165 (29.59)	2.125 (54.0)	2.060 (52.32)	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	2.500 (63.5)	2.717 (69.0)	1.165 (29.59)	1.165 (29.59)	2.125 (54.0)	2.000 (50.8)	0.500 (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	2.750 (69.8)	2.717 (69.0)	1.165 (29.59)	1.165 (29.59)	2.125 (54.0)	2.000 (50.8)	0.570 (14.47)	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	2.953 (75.0)	2.953 (75.0)	1.2 (30.48)	1.2 (30.48)	2.125 (54.0)	2.048 (52.01)	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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