

AURELIUS MFG CO INC

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 BRAHAM, MN 55006
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SOLUTION PROFILE

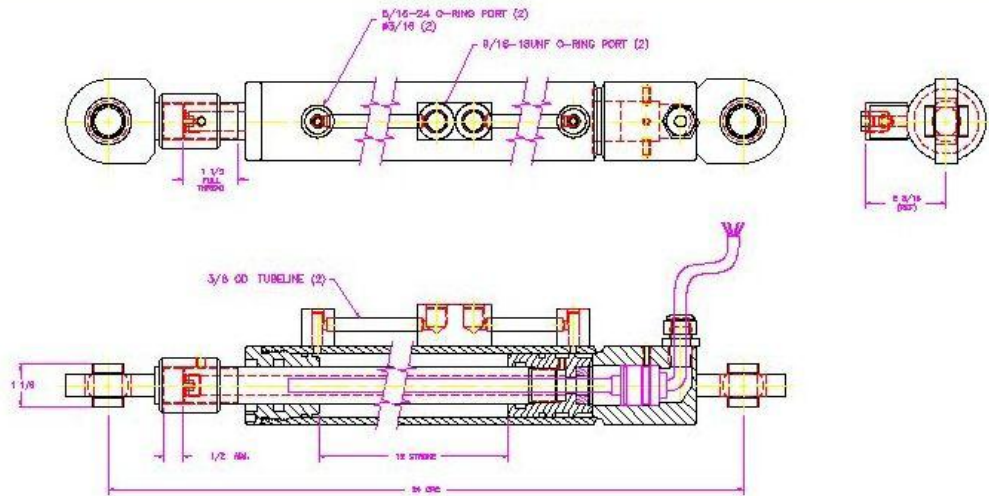


Custom Welded Hydraulic Cylinders

- Bore - 1 to 6 inches
- Rod - 3/8 to 5 inches
 - hollows & specials
- Stroke - 0 to 20 feet
- Custom porting
 - NPT
 - S.A.E. - O-ring
 - tube lines
 - specials
- Custom valving
 - pads
 - cavities
- Integrated sensors
 - linear transducers
 - proximity

Contact
Aurelius Mfg. Co., Inc.

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ITEM	QTY.	PART NO.	DESCRIPTION
1	1		ROD WELDMENT
2	1		END GLAND
3	1		SEAL KIT
4	1		TUBE WELDMENT
5	1		PISTON

ANALYSE NOTED
 9 PL. DEC. ±.005
 12 PL. DEC. ±.030
 FRACTION ±1/16
 ANGLES ±1°
 FINISH
 DATE
 SCALE
 TITLE
 CYLINDER MFG. TO ACCEPT STROKE INDICATOR
 WT. 15 LBS.
AURELIUS MFG. CO. INC.
 BRAHAM, MN.

Requirement: Maintain awareness and control of the precise location of the stroke of the cylinder.

Solution: This cylinder was built to receive a position sensor. The sensor is completely housed within the cylinder resulting in a turn-key solution for the customer. Housing the sensor within the cylinder body protects the sensor from the external environment and potential damage. The cylinder can be disassembled and is fully repairable. In this case, custom porting, adjustable closed length and spherical bearings were also required.