



AURELIUS MFG CO INC

220 S.W. 8TH ST. - P.O. BOX 508
 BRAHAM, MN 55006
 320-396-3343 FAX 320-396-3346

SOLUTION PROFILE

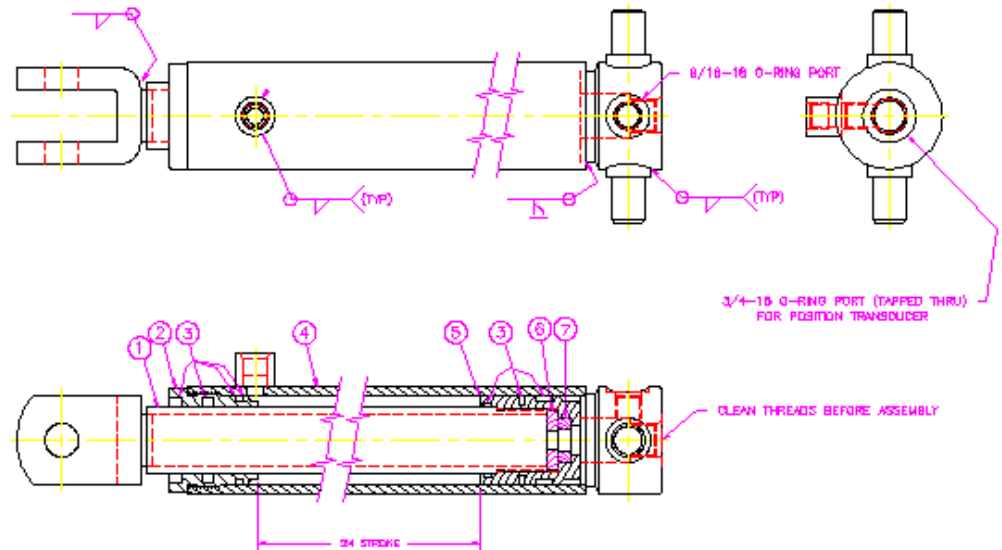


Custom Welded Hydraulic Cylinders

- 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

Contact Aurelius Mfg.

Phone: 320-396-3343
 Fax: 320-396-3346
 Email: info@aurelius-mfg.com



WT: LBS.

ITEM	QTY.	PART NO.	DESCRIPTION
1	1		SHAFT WELDMENT
2	1		END GLAND
3	1		SEAL KIT
4	1		TUBE WELDMENT
5	1		PISTON
6	1		WASHER
7	1		SENSOR MAGNET
8	1		-

UNLESS NOTED 9 PL. DEC. ±.005 2 PL. DEC. ±.030 FINISHES ±1/16 ANGLES ±1°		<p>AURELIUS MFG. CO. INC. BRAHAM, MN.</p>	
DWN JAH DATE SCALE TITLE	WT. LBS. DWG. NO.		

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

This cylinder is built to receive a position sensor. The target magnet is built into the piston and installed when the cylinder is manufactured but the sensor itself, which represents a considerable dollar value, is added during the final assembly of the cylinder to the machine. This allowed the customer to work directly with the manufacturer of the sensor to integrate the signals into their circuit. This also allows for field replacement of the sensor without cylinder disassembly.