

AURELIUS MFG CO INC

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SOLUTION PROFILE

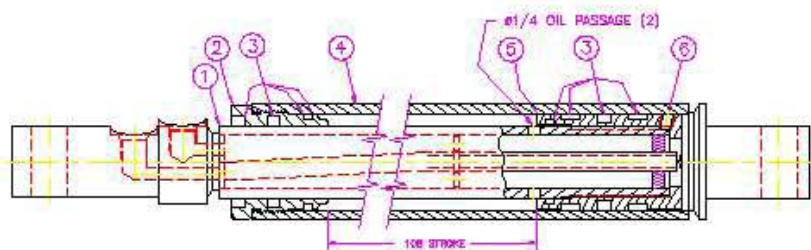
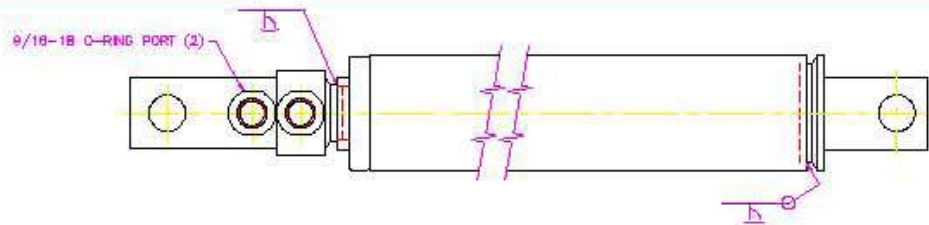


Custom Welded Hydraulic Cylinders

- 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
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ITEM	QTY.	PART NO.	DESCRIPTION
1	1		ROD WELDMENT
2	1		END CLAND
3	1		SEAL KIT
4	1		TUBE WELDMENT
5	1		PISTON
6	1		1/4-20UNC X 1/4 LB. SSS

WELDING METHOD		WT.	LBS.
1. PL. THK.	±.005		
2. PL. THK.	±.030		
3. PL. THK.	±1/16		
4. PL. THK.	±1"		
DATE	JAH		
QTY.			
SCALE			
TITLE			

Requirement: The application allowed no room around the cylinder barrel for ports and hoses.

Solution: This cylinder is built with the porting provided through a hollow rod which allows the barrel to be smooth and as compact as possible. Both control lines are connected near the rod-end pin which, in this application, is the fixed end of the cylinder. This arrangement allows for convenient hose routing that is easily protected from damage and snags in use and is easily finished for an appealing appearance that enhances the overall look of the final assembly.