



## SPECIFICATIONS

SPECIFICATION	DOT-8	DOT-8AL
CYL. WATER CAP. (MIN)	4.50 LBS	4.50 LBS
(MAX)	125.00 IN <sup>3</sup>	125.00 IN <sup>3</sup>
CYL. SHELL WT (AVE.)	4.70 LBS	4.70 LBS
WORKING PRESSURE	130.50 IN <sup>3</sup>	130.50 IN <sup>3</sup>
TEST PRESSURE	4.8 LBS	4.8 LBS
HYDROTEST PRESSURE	250 PSIG	250 PSIG
AVE. YIELD STRENGTH	500-600 PSIG	500-600 PSIG
AVE. TENSILE STRENGTH	750 PSIG	750 PSIG
MIN. TENSILE STRENGTH	24,000 PSI	24,000 PSI
MAX. CYL WALL STRESS	44,000 PSI	44,000 PSI
ACTUAL CYL. WALL STRESS	---	38,592 PSI
MATERIAL	19,296 PSI	35,000 PSI
	SAE 1008	19,296 PSI
		SAE 1008

**CONFIDENTIAL  
DO NOT DUPLICATE**

**NON-CONTROLLED DOCUMENT  
QA/PC DEPARTMENT  
REFERENCE ONLY**

**NOTES:**

1. THIS DIMENSION IS APPROXIMATE, CONTROL PARAMETER IS WATER CAPACITY.
2. VALVE HAS BEEN OMITTED FOR CLARITY.
3. CYLINDER IS NOT EQUIPPED WITH VALVE PROTECTION CAP.

6	REV. LOGO	DLH	8/30/10
REV	DESCRIPTION	BY	DATE
UNITS INCHES (mm)			
TOLERANCES (EXCEPT NOTED)	<b>HUNTSVILLE FACILITY</b> <small>521 GREEN COVE ROAD HUNTSVILLE, AL 35803 USA</small>		
DRWN. D. HARRIS	TITLE S-10, MC, ACETYLENE CYLINDER		
CHKD. <i>DLH</i> 8/30/10	DECIMAL ± .01	DATE 1/29/97	DRAWING NUMBER HV-C-0010
APPD. <i>JW</i> 8/30/10	ANGULAR ± 1 DEG		
SCALE NONE			