



SPECIFICATIONS

SPECIFICATION	DOT-8	DOT-8AL
CYL. WATER CAP. (MIN)	4.50 LBS 125.00 IN ³	4.50 LBS 125.00 IN ³
(MAX)	4.70 LBS 130.50 IN ³	4.70 LBS 130.50 IN ³
CYL. SHELL WT (AVE.)	4.8 LBS	4.8 LBS
WORKING PRESSURE	250 PSIG	250 PSIG
TEST PRESSURE	500-600 PSIG	500-600 PSIG
HYDROTEST PRESSURE	750 PSIG	750 PSIG
AVE. YIELD STRENGTH	24,000 PSI	24,000 PSI
AVE. TENSILE STRENGTH	44,000 PSI	44,000 PSI
MIN. TENSILE STRENGTH	----	38,592 PSI
MAX. CYL WALL STRESS	----	35,000 PSI
ACTUAL CYL. WALL STRESS	19,296 PSI	19,296 PSI
MATERIAL	SAE 1008	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)	HUNTSVILLE FACILITY <small>521 GREEN COVE ROAD HUNTSVILLE, AL 35803 USA</small>		
DECIMAL ± .01	TITLE S-10, MC, ACETYLENE CYLINDER		
ANGULAR ± 1 DEG	DATE 1/29/97	DRAWING NUMBER HV-C-0010	

DRWN. D. HARRIS	
CHKD. <i>DLH</i> 8/30/10	
APPD. <i>JW</i> 8/30/10	
SCALE NONE	