



## SPECIFICATIONS

SPECIFICATION	DOT-8	DOT-8AL
CYL. WATER CAP. (MIN)	93.80 LBS 2,606 IN <sup>3</sup>	93.80 LBS 2,606 IN <sup>3</sup>
(MAX)	98.50 LBS 2,736 IN <sup>3</sup>	98.50 LBS 2,735 IN <sup>3</sup>
CYL. SHELL WT (AVE.)	58.0 LBS	50.2 LBS
WORKING PRESSURE	250 PSIG	250 PSIG
TEST PRESSURE	500-600 PSIG	500-600 PSIG
HYDROTEST PRESSURE	750 PSIG	750 PSIG
AVE. YIELD STRENGTH	30,000 PSIG	44,000 PSIG
AVE. TENSILE STRENGTH	48,000 PSIG	65,000 PSIG
MIN. TENSILE STRENGTH	-----	61,460 PSIG
MAX. CYL WALL STRESS	-----	35,000 PSIG
ACTUAL CYL WALL STRESS	25,957 PSIG	30,730 PSIG
MATERIAL	SAE 1010	MOD 1015

**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.

6	REV. LOGO	DLH	6/24/10
REV	DESCRIPTION	BY	DATE
UNITS INCHES (mm)			
HUNTSVILLE FACILITY		521 GREEN COVE ROAD HUNTSVILLE, AL 35803 USA	
DRWN. D. HARRIS	TOLERANCES (EXCEPT NOTED)	TITLE WM-250 TWO-PIECE ACETYLENE CYLINDER	
CHKD. <i>DLH</i> 6/24/10	DECIMAL ± .01	DATE 1/29/97	DRAWING NUMBER HV-C-1250
APPD. <i>JW</i> 6/24/10	ANGULAR ± 1 DEG		
SCALE NONE			