



SPECIFICATIONS

SPECIFICATION	DOT-8	DOT-8AL
CYL. WATER CAP. (MIN)	93.80 LBS 2,606 IN ³	93.80 LBS 2,606 IN ³
(MAX)	98.50 LBS 2,736 IN ³	98.50 LBS 2,735 IN ³
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)			
TOLERANCES (EXCEPT NOTED)	HUNTSVILLE FACILITY <small>521 GREEN COVE ROAD HUNTSVILLE, AL 35803 USA</small>		
DECIMAL ± .01	TITLE WM-250 TWO-PIECE ACETYLENE CYLINDER		
SCALE NONE	ANGULAR ± 1 DEG	DATE 1/29/97	DRAWING NUMBER HV-C-1250