

SPECIFICATIONS


SPECIFICATION	DOT-8	DOT-8AL
CYL. WATER CAP. (MIN)	79.00 LBS 2,194 IN ³	79.00 LBS 2,194 IN ³
(MAX)	82.50 LBS 2,291 IN ³	82.50 LBS 2,291 IN ³
CYL. SHELL WT (AVE.)	50.5 LBS	51.5 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

NOTES:

1. THIS DIMENSION IS APPROXIMATE, CONTROL PARAMETER IS WATER CAPACITY.
2. VALVE HAS BEEN OMITTED FOR CLARITY.

**CONFIDENTIAL
DO NOT DUPLICATE**

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

7	REV. LOGO	DLH	8/30/10
REV	DESCRIPTION	BY	DATE
UNITS INCHES (mm)		HUNTSVILLE FACILITY 521 GREEN COVE ROAD HUNTSVILLE, AL 35803 USA	
TOLERANCES (EXCEPT NOTED)		TITLE WM-210 TWO-PIECE ACETYLENE CYLINDER	
DECIMAL ± .01	DATE	DRAWING NUMBER	
ANGULAR ± 1 DEG	1/29/97	HV-C-1210	
DRWN. D. HARRIS	SCALE NONE		
CHKD. <i>DLH</i>	APPD. <i>JW</i>		
8/30/10	8/30/10		