



## SPECIFICATIONS

SPECIFICATION	DOT-8
CYL. WATER CAP. (MIN)	30.80 LBS 855.0 IN <sup>3</sup>
(MAX)	32.30 LBS 897.0 IN <sup>3</sup>
CYL. SHELL WT (AVE.)	23.5 LBS
WORKING PRESSURE	250 PSIG
TEST PRESSURE	500-600 PSIG
HYDROTEST PRESSURE	750 PSIG
AVE. YIELD STRENGTH	30,000 PSIG
AVE. TENSILE STRENGTH	48,000 PSIG
MIN. TENSILE STRENGTH	----
MAX. CYL WALL STRESS	----
ACTUAL CYL. WALL STRESS	24,148 PSIG
MATERIAL	SAE 1010

**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 AND CAP HAS BEEN OMITTED FOR CLARITY.

4	REV. LOGO	DLH	8/27/10
REV	DESCRIPTION	BY	DATE
UNITS INCHES (mm)			HUNTSVILLE FACILITY <small>521 GREEN COVE ROAD HUNTSVILLE, AL 35803 USA</small>
TOLERANCES (EXCEPT NOTED)	TITLE S-75 ACETYLENE CYLINDER		
DECIMAL ± .01	DATE 1/29/97	DRAWING NUMBER HV-C-0075	
ANGULAR ± 1 DEG			
DRWN. D. HARRIS			
CHKD. <i>DLH</i> 8/27/10			
APPD. <i>JW</i> 8/27/10			
SCALE NONE			