


SPECIFICATIONS

SPECIFICATION	DOT-8	TC-8WM CONVERTED	TC-8WM
CYL. WATER CAP. (MIN)	30.80 LBS 855.0 IN ³	30.8 LBS 855.0 IN ³	13.9 Kg 14.0 L
(MAX)	32.30 LBS 897.0 IN ³	32.3 LBS 897.0 IN ³	14.7 L
CYL. SHELL WT (AVE.)	23.5 LBS	23.5 LBS	10.7 Kg
WORKING PRESSURE	250 PSIG	250 PSI	1.72 MPa
TEST PRESSURE	500-600 PSIG	508-595 PSI	3.5 - 4.1 MPa
HYDROTEST PRESSURE	750 PSIG	754 PSI	5.2 MPa
AVE. YIELD STRENGTH	30,000 PSIG	30,000 PSI	207 MPa
AVE. TENSILE STRENGTH	48,000 PSIG	---	---
MIN. TENSILE STRENGTH	---	48,422 PSI	334 MPa
MAX. CYL WALL STRESS	---	25,962 PSI	179 MPa
ACTUAL CYL. WALL STRESS	24,148 PSIG	24,276 PSI	167.3 MPa
MATERIAL	SAE 1015	C-1015	C-1015

**CONFIDENTIAL
DO NOT DUPLICATE**

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

6	ADD TC INFO & REV 1010 MATERIAL TO 1015	DLH	1/15/15
REV	DESCRIPTION	BY	DATE
		HUNTSVILLE FACILITY 521 GREEN COVE ROAD HUNTSVILLE, AL 35803 USA	
DRWN:	D. HARRIS	TOLERANCES (EXCEPT NOTED)	TITLE
APPD:	<i>DLH</i> 1/15/15	S-75 ACETYLENE CYLINDER	
APPD:	<i>JW</i> 1/15/15	UNITS INCHES (mm)	DATE
SCALE	NONE	1/29/97	DRAWING NUMBER
			HV-C-0075

NOTES:

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