

SPECIFICATION


	DOT- 8	DOT-8AL
CYL WATER CAP (MIN)	16.8 LBS 466 CUIN	16.8 LBS 466 CUIN
(MAX)	17.6 LBS 489 CUIN	17.6 LBS 489 CUIN
CYL SHELL WT (AVE)	15.4 LBS	15.4 LBS
WORKING PRESSURE	250 PSI	250 PSI
TEST PRESSURE	500-600 PSI	500-600 PSI
HYDROTEST PRESSURE	750 PSI	750 PSI
AVE YIELD STRENGTH	24000 PSI	24000 PSI
AVE TENSILE STRENGTH	44000 PSI	46000 PSI
MIN TENSILE STRENGTH	---	45292 PSI
MAX CYL WALL STRESS	---	35000 PSI
ACTUAL CYL WALL STRESS	22646 PSI	22646 PSI
MATERIAL	SAE 1008	SAE 1008

NOTES:

1. THIS DIMENSION IS APPROXIMATE, CONTROL PARAMETER IS WATER CAPACITY.
2. ALL DIMENSIONS AND SPECIFICATIONS ARE NOMINAL UNLESS OTHERWISE SPECIFIED.
3. VALVE HAS BEEN OMITTED FOR CLARITY.
4. TRIM ALLOWABLE TO 18.250" POST QA/PC APPROVAL.
5. TWO FUSIBLE PLUGS AUTHORIZED TO USE 6/29/12. ONE FUSIBLE PLUG CAN ALSO BE USED IF NECESSARY.
6. UNITS ARE INCHES.

**CONFIDENTIAL
DO NOT DUPLICATE**

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

5	REV. TO 2 FUSE PLUGS & NOTES	DLH	6/29/12
REV	DESCRIPTION	BY	DATE
UNITS INCHES (mm)		HUNTSVILLE FACILITY 521 GREEN COVE ROAD HUNTSVILLE, AL 35803 USA	
TOLERANCES (EXCEPT NOTED)			
DRWN. D. HARRIS	DECIMAL ± .01	TITLE	S-40 LARGE FLANGE ACETYLENE CYLINDER
CHKD. DLH 6/29/12	ANGULAR ± 1 DEG	DATE	1/15/86
APPD. FW 6/29/12	SCALE NONE	DRAWING NUMBER	HV-C-BF40