



SPECIFICATIONS: AC 40 LITER

1. MATERIAL:
 - A. SHELL: CR-MO-STEEL (4130X) COMPLYING WITH THE REQUIREMENTS OF CLAUSE 6.2 OF ISO 9809-1 AND NORRIS' SPECIFICATION FOR 4130-EA-01 THAT IS HOT BILLET PIERCED FOLLOWED BY HOT DRAWING.
 - B. L - 1200 MM (47.250 IN)
 - C. W.C. - 40 L (2441 CI) MINIMUM
 - D. WT - 34.0 KG (75.0 LBS)
2. POROUS MASS:
 - A. NORRIS LSF WHICH COMPLIES TO ISO 3807-1
 - B. TOP CLEARANCE: ≤0.078 IN (≤1.99 MM)
3. SERVICE CONDITIONS:

A. RATED ACETYLENE CAPACITY:	7.34 M3 (259 CF) MAXIMUM
B. ACETONE WEIGHT:	12.5 KG (27.55 LB)
C. ACETYLENE WEIGHT:	8.0 KG (17.63 LB) MAXIMUM ACETYLENE CONTENT & INCLUSIVE OF SATURATION GAS
D. MAXIMUM SETTLED PRESSURE:	19 BAR (275 PSI)
E. SHELL HYDRAULIC TEST PRESSURE:	60 BAR (870 PSI)
F. TARE S WEIGHT:	59.0 KG (130 LB)

 1. TARE S = SHELL, VALVE, FILLER, ACETONE, SATURATION GAS, AND PAINT.
4. MARKINGS PER:
 - A. PR40L-229-1
5. NOTES:
 - A. SHELL MANUFACTURED: NORRIS, LONGVIEW
 - B. POROUS MASS MANUFACTURED: NORRIS, HUNTSVILLE

**CONFIDENTIAL
DO NOT DUPLICATE**

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

3	REV NOTE 3.C.	DLH	11/3/14
REV	DESCRIPTION	BY	DATE
		HUNTSVILLE FACILITY 521 GREEN COVE ROAD HUNTSVILLE, AL 35803 USA	
DRWN: D. HARRIS	TOLERANCES (EXCEPT NOTED)	TITLE SEAMLESS STEEL ACETYLENE AC 40 LITER ISO 3807-1 MASS	
APPD: <i>DLH</i> 11/3/14	UNITS INCHES (mm)	DATE 5/12/11	DRAWING NUMBER TA40-229-1
APPD: <i>JW</i> 11/3/14	SCALE NONE		