



- SHELL .187 NOM SA414 GR G P.V.Q.
DES. THK .094 E= 70%
HEADS.177 MIN SA414 GR G P.V.Q.
DES. THK .094 S= 85%
- WORKING PRESSURE 150 PSI
- TEST PRESSURE HYDRO 195 PSI
- TEMPERATURE MIN. 20°F MAX. 400°F
- ALL WELDED FITTINGS MUST BE HELD PERPENDICULAR TO CENTERLINE WITHIN 3/8" IN 12"
- IMPACT TEST EXEMPT PER PARUG-20(F)
- SPECIFICATIONS:
CALCULATED WEIGHT: 620 LB
CALCULATED CAPACITY: 60 GALLONS
- CRN- NONE
- N.D.T.- PT.
- FINISH- SEE 139-976 FINISH SPEC

(BUILT IN ACCORDANCE WITH LATEST EDITION OF SECTION VIII DIV 1 ASME CODE)

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C	UPDATED BOM/DIMENSIONS	NES	9/1/22
B	ITEM 17 WAS A BOLT. CHANGED TO THREADED STUD	KAT	5/5/17
A	ISSUED		
REV	DESCRIPTION	BY	DATE

UNLESS OTHERWISE SPECIFIED INCH TOLERANCES XXX.....±.02 XX.....±.05 X.....±.10±.15±.20±.250		TITLE 50-18-60-150 ASME VESSEL		DRAWN		CHECKED		DRAWING NO		REV	
MODEL: MEL 1000		CUST DWG NO		TYPE		ASME		139-976		C	
NONE		NONE		NONE		NONE		SIZE: C		SHEET 1 OF 1	

ITEM	QTY	DESCRIPTION
18	2	CPLG 1/4 NPT 3000#
17	1	DATA PLATE ASME SSI
16	2	LIFTING LUG PHOENIX 2-898-MINI
15	2	NUT 3/8-18 UNC HEX ZINC PLTD
14	2	WASHER FLAT 3/8 ZINC PLTD
13	1	DPG GAUGE PLATE
12	1	PIPE 3.000 & CPLG ASSY S40 0.216W X 5.88 0.216W
11	1	PIPE 3.000 & ELBOW ASSY S40
9	3	LEG ASSY
10	1	FLG PILOT 1 NPT SA181-70
8	16	NUT 1 1/8-7 UNC HEX ZINC PLTD
7	16	WASHER FLAT 1 1/8 ZINC PLTD
6	16	BOLT 1 1/8-7 UNC HEX X 5 ZINC PLTD
5	1	GASKET RING 18 150# NEOPRENE
4	1	COVER ASSY
3	1	FLG 18 150# RF-SO SA105
2	1	HEAD - ELL 18 DIA (910-308)
1	1	SHELL 0.187 X 45.63 X 55.96

