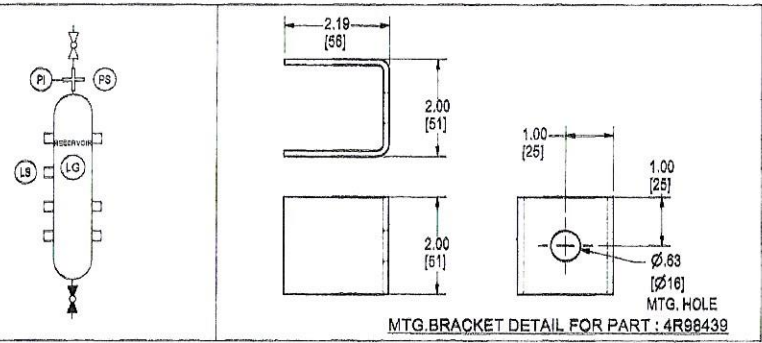


P&ID

SYMBOL LEGEND

(PI)	PRESSURE INDICATOR
(LG)	LEVEL GAUGE
(FS)	PRESSURE SWITCH
(LS)	LEVEL SWITCH
(FI)	FLOW INDICATOR
(X)	VALVE NORMALLY OPEN
(X)	VALVE NORMALLY CLOSED
(X)	REGULATOR VALVE
(O)	ORIFICE
(X)	RELIEF VALVE



BILL OF MATERIAL NO: NR536N21100

NO	PART CODE	QTY	DESCRIPTION	MATERIAL
182	NR536N20000	1	RESERVOIR	316 SS
160	P0209045ZZ	1	ADAPTER FITTING HEXAGON REDUCING BUSHING, 1/2" NPTM X 1/4" NPTF	
167.1	0050016880	8	PIPE PLUG 3/4" NPTM 3M HEX HEAD, ASME B16.11	SA-182 F316/F316L
167.2	0050016880	2	PIPE PLUG 3/4" NPTM 3M HEX HEAD, ASME B16.11	SA-182 F316/F316L
182.1	NR506N00000	1	RESERVOIR 5 GALLON	
262	C04940687ZZ	1	LIQUID LEVEL INDICATOR 316 SS WELD PAD FOR 6 IN PIPE, 316 SS COVER	316L
359	C0471393X987	1	PIPE 6" S10 SHELL FOR NR 5 GAL RESERVOIR	SA-312 TP316/316L WELDED
246	C0491494ZZ	1	PRESSURE INDICATOR 0-160 PSI/BAR, 2.5" DIAL, 1/4" NPT(M), PSI	MULTIPLE MATERIALS
267	C0484191ZZ	1	CROSS FITTING 1/2" NPT 3000# THREADED	316
268	C0280724X951	1	PIPE NIPPLE 1/2" X 2" LG S140 SMLS TBE	SA-312 TP316/316L SMLS
432	C0489863ZZ	2	BALL VALVE 1/2"NPT(F), PTFE SEATS	316 SS/PTFE
236	C0489251ZZ	1	PRESSURE SWITCH 1/2" NPT, 24-200 PSI, SPDT, NEMA 4X, IP66, 15A @ 125/250/480 VAC	316 SS
248	C0487076ZZ	1	LIQUID LEVEL SWITCH 1/2" NPT, 316, FLOAT SWITCH, 240/120VAC; 120/24 VDC	316
371	C0545070X941	1	REDUCER HEX, 3/4 IN MNPT X 1/2 IN FNPT	SA-182 F316/F316L

PROJECT - WORPAR
ITEM NBR - 603.1-A-622.1-A-622.2-A W503B.1-A
W503B.2-A-W503W.1-A-W503W.2-A
TYPE - ASSY
eB NBR - 100216902.002
DATE - 14.04.2022

- NOTES:**
- WELD PER PED-04 FOR PIPE LARGER THAN 2 INCHES AND PED-02 FOR 2 INCH PIPE AND SMALLER.
 - ESTIMATED WEIGHT : 32 KG /70 LBS.
 - RESERVOIR TO BE 316 SS WITH 316 SS WELD PAD.
 - AMBIDEXTROUS CONFIGURATION FOR SEAL SUPPLY & SEAL RETURN CONNECTIONS (WHEN USE PORT [A] FOR SUPPLY USE [B] PORT FOR RETURN AND PLUGGED [A1] & [B1] PORTS).
 - RESERVOIR AND SWITCHES TO SHIP SEPARATE.
 - BARE RESERVOIR HYDRO TEST @760 PSI / 51.7 BAR
 - PNEUMATIC LEAK TEST @15 PSI / 1 BAR
 - NAMEPLATE AS SHOWN BELOW TO BE ETCHED ON RESERVOIR.

FLOWERVE FLOWERVE S. DE R.L DE C.V.
TLAXCALA, MEXICO
+52 246 465 2600

SHELL MAWP :34.5 BAR @ 94 °C
[500 PSI @ 200 °F]

SHELL MDMT:-29 °C @ 34.5 BAR
[-20 °F @ 500 PSI]

VOLUME: 19 L [5 GALLONS]

PART CODE: NR536N20000

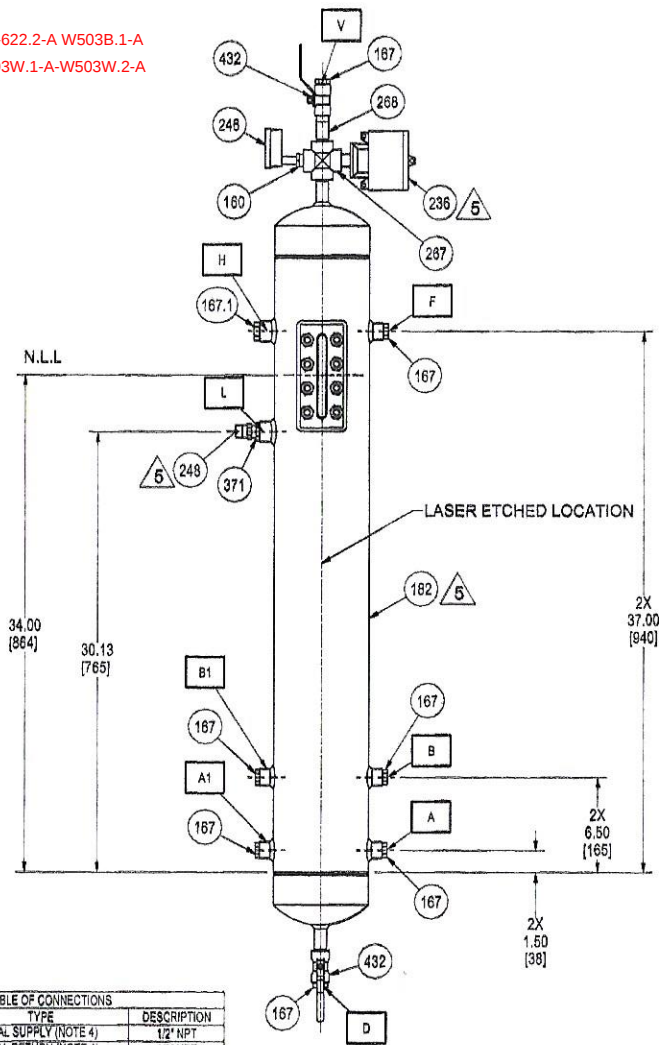
SERIAL NUMBER: TO BE DEFINED

YEAR BUILT: 20XX

PRODUCT OF MEXICO

PLAN	MAWP	MDMT	MAWT
53A	34.5 BAR 500 PSI	-20 °C -20 °F	94 °C 200 °F

Desmet Tags	WEP ID
603.1-A	19-A-754
622.1-A	19-A-757
622.2-A	19-A-857
W503B.1-A	19-A-751
W503B.2-A	19-A-851
W503W.1-A	19-A-755
W503W.2-A	19-A-855



5 GALLON RESERVOIR

TABLE OF CONNECTIONS

CONNECTION	TYPE	DESCRIPTION
A,A1	SEAL SUPPLY (NOTE 4)	1/2" NPT
B,B1	SEAL RETURN (NOTE 4)	1/2" NPT
D	DRAIN (PLUGGED)	1/2" NPT
F	FILL (PLUGGED)	1/2" NPT
H	HIGH LEVEL SWITCH (PLUGGED)	3/4" NPT
L	LOW LEVEL SWITCH (PLUGGED)	3/4" NPT
V	VENT / PRESSURE SOURCE (PLUGGED)	1/2" NPT

REV.	CHG NO.	DATE	REV'D	CHK'D	APVD
	23-SEP-2021	LPETERNICHOLAS	JPALANI		

JOB NUMBER		FLOWERVE AMSS Seals & Systems	
DRWN: LPETERNICHOLAS		DRAWING TITLE	
DATE: 23-SEP-2021		AUXILIARY GENERAL ARRANGEMENT	
CHKD: JPALANI			
DATE: 23-SEP-2021			
APVD:			
DATE:			
ALL DIMENSIONS ARE REFERENCE UNLESS OTHERWISE SPECIFIED		SIZE	DRAWING NUMBER
3rd ANGLE		C/A2	NR536N21100
SCALE TO SCALE		UNITS	inch [mm]
SHEET		1	OF 1