



ITEM	P/N	DESCRIPTION	QTY
1	H42224J	HEAD 42.00 OD 0.211M/0.224N CS SA414-G 2:1 SE JOG	2
2	V10100-SL	SHELL BURNT 0.250 SA455 95.125 X 42.00 OD	1
3	S113610	HINGED CLOSURE 18.00 OD 300# 0.500 THICK SA106-B/SA1516-70 W/ VITON O-RING W/ MTR, U2 @ 400F (FULL VAC)	1
4	S102154	RFSO FLG ASY 6.000 150# S40(0.280 WALL) 7.280 SA105N B16.5 /SA106-B	2
5	F102000	WELD FLG 2.000 NPT CS SA181-70 FLAT 398 O/R	2
6	F100500	WELD FLG 0.500 NPT CS SA181-70 FLAT 253	3
7	S101972	LIFT LUG 0.500 SA105 3.000 X 4.875 PHOENIX 2-900-LUG (6800#)	2
8	64-784-H	LIFT LUG 0.500 A36 3.25 X 8.71 FOR 36-72" TANKS	2
9	S101652-6	BAFFLE, 7GA CS A1011CS-B x 4.25 x 6.625 x 7.500	1
10	S102114	SKIRT ASY 7GA A1011CS-B X 35.50 OD W/8.000 CLR, 38.50 BC FOR 42 & 48 TANKS	1
10.1	S100066	SKIRT 7GA A1011CS-B 12.000 X 35.50 OD W/8.000 CLR	1
10.2	S102021	SKIRT CLIP 7GA A1011CS-B 3.000 X 4.000 X 3.000 LG W/.688"x1.5" SLOT FOR 42"-60" TANKS	4
11	V10100-NP	NAME PLATE FOR V10100 A1011CS-B	1



**SHELL CUT SIZE IS REFERENCE ONLY
 **CPLG & FITTING 0.50 EXT PROJ TYP
 **HEAD THICKNESS SHOWN IS SPECIFIED MINIMUM
 **RADIUS INSIDE PROJECTED EDGES OF NOZZLES 1/8" MIN
 **SEE PAGE 2 FOR FINISH
 **FLANGE BOLT HOLES STRADDLE TANK C/L EXCEPT AS NOTED
 **ALL DIMS IN INCHES UNLESS NOTED OTHERWISE
 **IMPACT TEST EXEMPT PER UG 20(f)
 42" X 118" 150# VERTICAL VACUUM TANK
 NOTES

FRONT VIEW TRUE ELEVATION

TOP VIEW TRUE ORIENTATION

TRAVELER REQUIRED Yes IF YES THEN FIXTURE # _____
 FIXTURE REQUIRED No

RELEASED TO PRODUCTION		TOLERANCES ARE PER EN1370 STEEL FAB STANDARD TOLERANCES UNLESS OTHERWISE SPECIFIED		DESIGN & CALCULATIONS COMPLY WITH ASME CODE SECTION VIII, DIV1. LATEST EDITION	
SALES ORDER#		QTY:		SPVG CATALOG	
RELEASE DATE:		NAT'L BD: YES		ENG. APPL / DATE BW - 1/14/2020	
NB/SERIAL#		STAMP " U "		QCM. APPL / DATE PE-1/15/2020	
HEAD THK: .211" MIN C.A.: --- MAT'L SA414-G EFF 85 %		VOLUME: 660 APPROX GAL		A.I. VERIFICATION / DATE BQ-1/15/2020	
SHELL THK: .250" NOM C.A.: --- MAT'L SA455 EFF 70 %		MAWP 150/FV PSI AT 400 °F		SAMUEL PRESSURE VESSEL GROUP	
NAT'L BD: YES		MDMT -20 °F AT 150/FV PSI		OAKVILLE, ONT	
SHIPPING WEIGHT: 1390 LBS		TEST: HYDRO AT 195 PSI		LEBANON, VA	
CRN: NONE		TEST: PNEU AT --- PSI		DRAWN BY: MG/SA P/N	
		DATE: 1/9/2020		V10100	
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				REV. 0	