



ITEM	P/N	DESCRIPTION	QTY
1	H30174J	HEAD 30.00 OD 0.174M/0.187N CS SA414G JOG SE 2:1	2
2	V10098-SL	SHELL BURNT 0.200 CS SA414-G 67.50 X 30.00 OD	1
3	S113606	HINGED CLOSURE 12.75 OD 300# 0.500 THICK SA516-70 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	1
6	F100500	WELD FLG 0.500 NPT CS SA181-70 FLAT 253	3
7	S101652-6	BAFFLE, 7GA CS A1011CS-B x 4.25 x 6.625 x 7.500	1
8	LL2898	LUG 0.406 X 2.687 X 2.000 A105 LIFT (4850# MAX) (4:1)	2
9	S102186	SKIRT ASY. 23.5 OD W/8.000" CLR. W/CLIPS FOR A 30" TANK A1011CS-B	1
9.1	S100064	SKIRT, 7GA A1011CS-B 10.75 x 23.50 OD	1
9.2	S101519-P	CLIP, 10GA A1011CS-B 2.000 x 2.000 x 2.875 PURCHASED	4
10	V10098-NP	NAME PLATE FOR V10098 A1011CS-B	1

- \*\*FLANGE BOLT HOLES STRADDLE C/L
- \*\*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
- \*\*ALL DIMS IN INCHES UNLESS NOTED OTHERWISE
- \*\*IMPACT TEST EXEMPT PER UG 20(f)
- \*\*UG-46(f)(7) APPLIES

30" X 84" 150/FV# VERTICAL-VACUUM TANK  
NOTES

TRAVELER REQUIRED <input checked="" type="checkbox"/> Yes		FIXTURE REQUIRED <input type="checkbox"/> No IF YES THEN FIXTURE # _____	
RELEASED TO PRODUCTION		TOLERANCES ARE PER EN1370 STEEL FAB STANDARD TOLERANCES UNLESS OTHERWISE SPECIFIED	
SALES ORDER#		QTY:	
RELEASE DATE:		NB/SERIAL#	
HEAD THK: .174" MIN C.A.: --- MAT'L SA414-G EFF 85 %		DESIGN & CALCULATIONS COMPLY WITH ASME CODE SECTION VIII, DIV1. LATEST EDITION	
SHELL THK: .200" NOM C.A.: --- MAT'L SA414-G EFF 70 %			
NAT'L BD: YES STAMP " U "		SFI CATALOG	
VOLUME: 240 APPROX GAL		ENG. APPL / DATE BW - 1/6/2020	
SHIPPING WEIGHT: 630 LBS		QCM. APPL / DATE PE-1/9/2020	
CRN: NONE		A.I. VERIFICATION / DATE BQ-1/10/2020	
MAWP 150/FV PSI AT 400 °F		SAMUEL PRESSURE VESSEL GROUP	
MDMT -20 °F AT 150/FV PSI		OAKVILLE, ONT LEBANON, VA	
TEST: HYDRO AT 195 PSI		DRAWN BY: IDV/SA P/N V10098	
TEST: PNEU AT --- PSI		DATE: 12/9/2019	
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		REV 0	