



ITEM	DESCRIPTION	QTY
1	HEAD 24.00 OD 0.235M/0.250N SA516-70 2:1 SE JOG	1
2	SHELL BURNT 0.250 CS SA455 57.75 X 24.00 OD	1
3	FLG 24.00 CS SA105 150# B16.5 RF50	1
4	GASKET 24\"/>	

NOTES:  
 \*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\"/>

DESIGN & CALCULATIONS COMPLY WITH ASME CODE SECTION VIII, DIV1. LATEST EDITION

**nano** PURIFICATION SOLUTIONS

ENG. APPL. / DATE: MH - 9/13/2018  
 OCM. APPL. / DATE: BW-9/18/2018  
 A.I. VERIFICATION / DATE: BQ-9/19/2018

HEAD THK:	.235" MIN	C.A.:	---	MAT'L:	SA516-70	EFF:	85%
SHELL THK:	.250" NOM	C.A.:	---	MAT'L:	SA455	EFF:	70%
NAT'L. BD:	YES	STAMP:	U				
VOLUME:	130 APPROX GAL			MAWP:	150 PSI	AT:	400 °F
SHIPPING WEIGHT:				MDMT:	-20 °F	AT:	150 PSI
CRN:	NONE			TEST:	HYDRO	AT:	195 PSI
				TEST:	PNEU	AT:	195 PSI

MODEL: MEL 3000

BURLINGTON, ONT LEBANON, VA

DRAWN BY: IDV/MH P/N 139-979SF

DATE: 9/12/2018

PAGE 1 OF 3 REV B