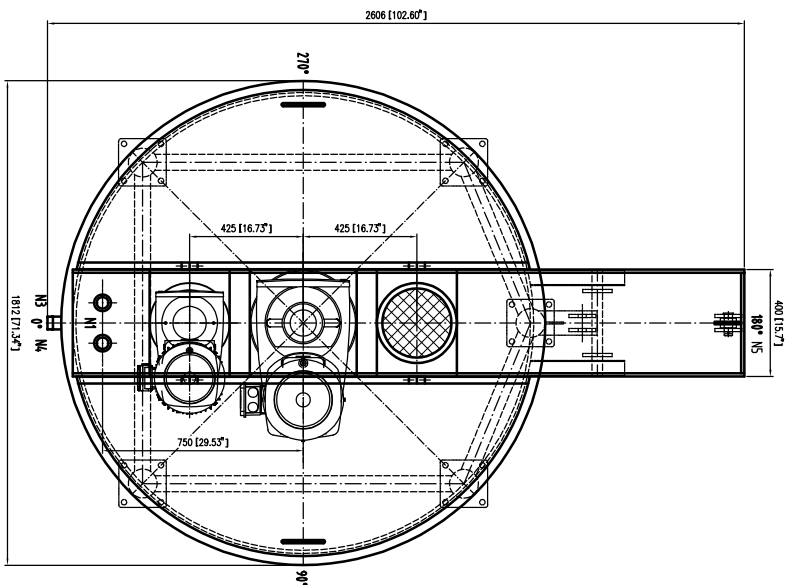
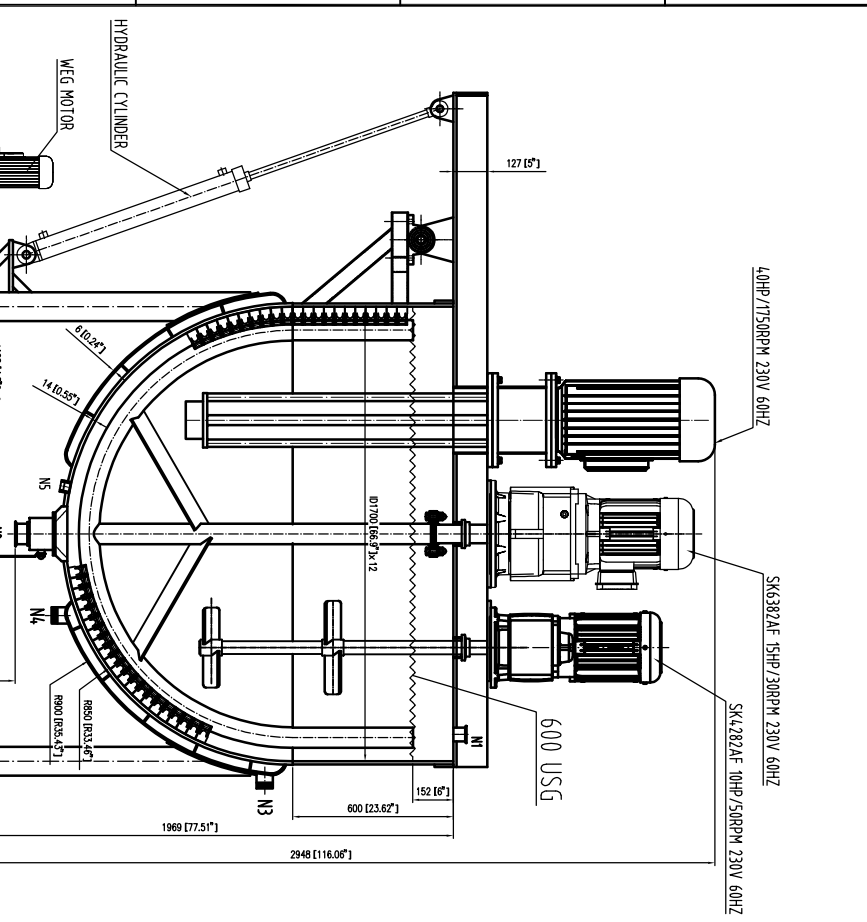




ASME BPCV SECTION VIII DIVISION 1 2015 EDITION.									
DESIGN DATA SHEET									
CODE	SHELL		JACKET		ASME CERTIFICATION MARKS		YES WITH U DESIGNATOR FOR JACKET ONLY		
FLUID	✓		✓		NO REGISTRATION REQUIREMENTS		YES		
FLUID PERFORMANCE	NON LETHAL		NON LETHAL		NON REGISTRATION REQUIREMENTS		NA		
WORKING TEMPERATURE	°F	310	310		WELDING ROD TYPE		AS PER WPS		
WORKING PRESSURE	psi	0	80		WELDING REGULATION		NOTE 2		
DESIGN TEMPERATURE	°F	320	320		WELD STRUCTURE		PERMITS WELDING AND FULL PENETRATION		
HEIGHT	°F	-20	300°F At 300psi		THICKNESS OF JACKET WELD EXCEPT W/OUT AS PER THE MINIMUMS & MAXIMUM RATE		4:1:18		
DESIGN PRESSURE	psi	0	300psi AT 300°F		PRESSURE TEST TEMPERATURE		°F	4:1:18	
WAMP	psi	0	300psi AT 300°F		WELDING JOINT CATEGORY		RT-NDT ACC. STD.		
CORROSION ALLOWANCE	in	0		NO		WELDING JOINT CATEGORY		RT-NDT ACC. STD.	
JOINT EFFICIENT	SAW/BEAD	0.85/0.85		NO		SPWT RT		UN-52	
HYDRO TEST PRESSURE	psi	0	119		TOTAL CAPACITY		US.gal	580	
6AS LEAKAGE TEST PRESSURE	psi	NO		IMPACT TEST		Exempted per UHA-51			
NOZZLE ORIENTATION	AS PER THIS DRAWING		POST WELD HEAT TREATMENT		NET MASS FOR CORP.		kg	✓	
WINDLOAD FOR MINIMUM PRESSURE WIND	SA-240M 3HL		SA-240M 3HL		OPERATING MASS		kg	✓	
FILL COEFFICIENT	SA-240M 123HL		MASS		FILL WATER MASS		kg	✓	
INSULATION THICKNESS	in	NA		FILL WATER MASS		kg	✓		
NOZZLE SCHEDULE									
MARK	NOMINAL SIZE	QTY.	CONNECTING SIZE AND STANDARD	FACE	SERVICE	REMARKS			
N1	2"	2	3A	T.C	INLET				
N2	3"	1		T.C	OUTLET				
N3	2"	1	ASME B1.20.1-2013	NPT	JACKET INLET				
N4	2"	1	ASME B1.20.1-2013	NPT	JACKET OUTLET				
N5	1 1/2"	1		UNC	TEMPERATURE SENSOR				

Technical Requirement

1.Interior finish : RA32,Exterior finish: RA32,

2.The material contacting with the material is 316L

3									
2									
1									
REV.NO.	DESCRIPTION				APPROVED BY CHECKED BY APPROVED BY DATE				
SHAANXI HONGDA INDUSTRY CO., LTD									
PREPARED BY				DRAWING NO.					
CHECKED BY				PROJECT NUMBER 26-0804-01-HA					
APPROVED BY				GENERAL DRAWING & #					
SCALE 1:8		WEIGHT		REV 1		TOTAL 1			
				PAGE : 1					