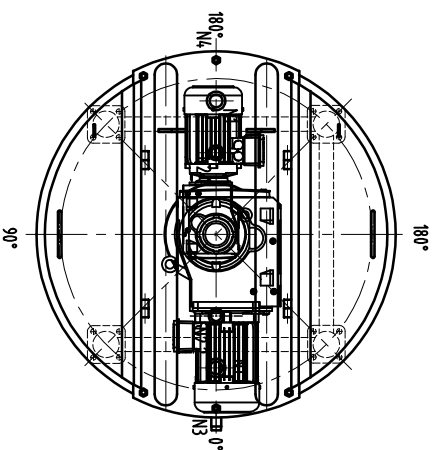
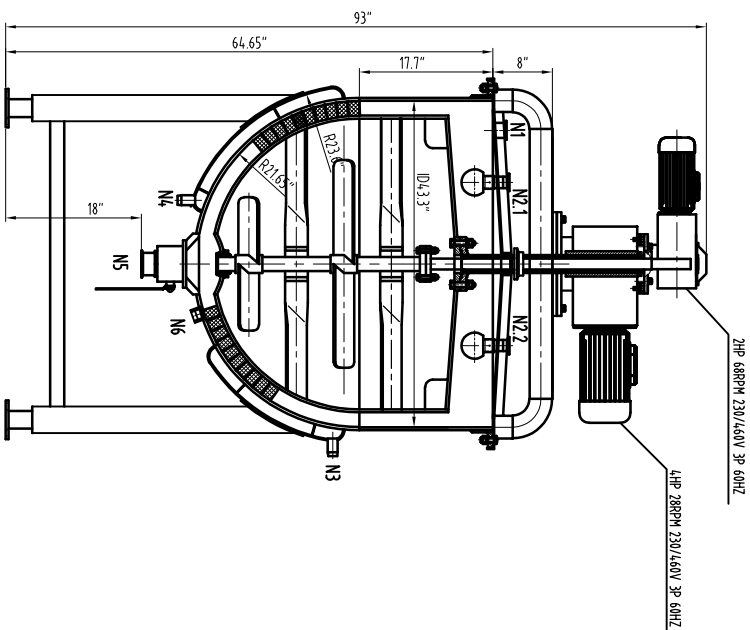


FLUID	SHELL	JACKET	ASME STAMP	YES WITH U DESIGNATION FOR JACKET ONLY		
FLUID PERFORMANCE	Non lethal	STEAM	WELDING ROD TYPE	AS PER WPS		
WORKING TEMPERATURE °F	320	Non lethal	WELDING REGULATION	NOTE 2		
WORKING PRESSURE P ₅₁	0	85	THICKNESS OF FILLET WELD EXCEPT WELDED AS PER THE THICKNESS OF THICK PLATE			
DESIGN TEMPERATURE °F	325	325	PRESSURE TEST TEMPERATURE °F	4.1-15		
WDMT	-4	-4°F AT 100% WELDING JOINT CATEGORY	WELDING JOINT CATEGORY	ACC STD.		
DESIGN PRESSURE P ₅₁	0	90% AT 20% WELDING JOINT CATEGORY	A.B	50% RTD (UHA-11)		
MAWP	P ₅₁	0	CD	UN-52		
CORROSION ALLOWANCE in	0	TOTAL CAPACITY	Gd	215		
JOINT FREQUENCY Shell/Head	0.85/0.85	IMPACT TEST		Exempted per UHA-51		
HYDRO TEST PRESSURE P ₅₁	117	HEAT TREATMENT		Exempted per UHA-23, UHA-44		
GAS LEAKAGE TEST PRESSURE P ₅₁	NA	WET MASS PER COUP.				
NOZZLE ORIENTATION	AS PER THIS DRAWING <th>MASS</th> <td></td> <td></td>	MASS				
WINDLOAD PER MAN PRESSURE WIND SA-21A 30K SA-24A 30K SA-37Z 17.30K		FILL WATER MASS				
FILL COEFFICIENT		INSULATION THICKNESS in				
NOZZLE SCHEDULE						
MARK	NOMINAL SIZE	QTY	CONNECTING SIZE AND STANDARD	FACE	SERVICE	REMARKS
N1	2"	2	3A	TC	FEED INLET	
N2	15"	2		TC	CP	
N3	15"	1	ASME B120.1-2013	15WPT	STEAM INLET	
N4	15"	1	ASME B120.1-2013	15WPT	STEAM OUTLET	
N5	3"	1	3A	TC	OUTLET	
N6	1 1/4"	1		UNC	Temperature sensor	

Technical Requirement

- 1.Having a carbon content not exceeding 0.10% and produced with filler metals conforming to sfa-5.9.
- 2.Unless otherwise specified,all the groove welding joints for pressure parts are of full penetration type, continuous, and shall be welded as per the wps designated by jic; Finished longitudinal and circumferential joints conform to UW-35.
- 3.Unless otherwise specified, does not indicate the size tolerance and see the program file Q/HD-PD-03-2011.
- 4.Interior finish : Ra0.8,Exterior finish: Ra0.8,
- 5.The user shall be in charge for installing safety devices in outer pipe system connected to this tank, and to ensure the pressure in the tank not exceeding its MAWP pressure.
- 6.This equipment's packing and transportation shall conform to the regulation of [Pressure Vessel Coating and Transportation Packing],JB4711-2003.



REV	DESCRIPTION	DATE
1		
2		
3		

SHANXI HONGDA INDUSTRY CO., LTD	INVENTION-51-01-HA
500SG SPHERICAL TANK	INVENTION-51-01-HA
SCALE 1:1	WEIGHT 1.1
REV 1	TOTAL 1