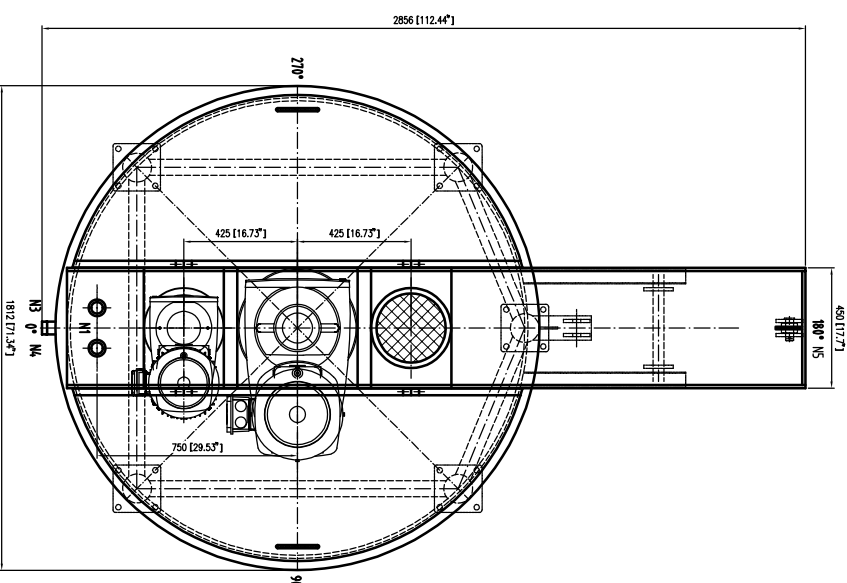
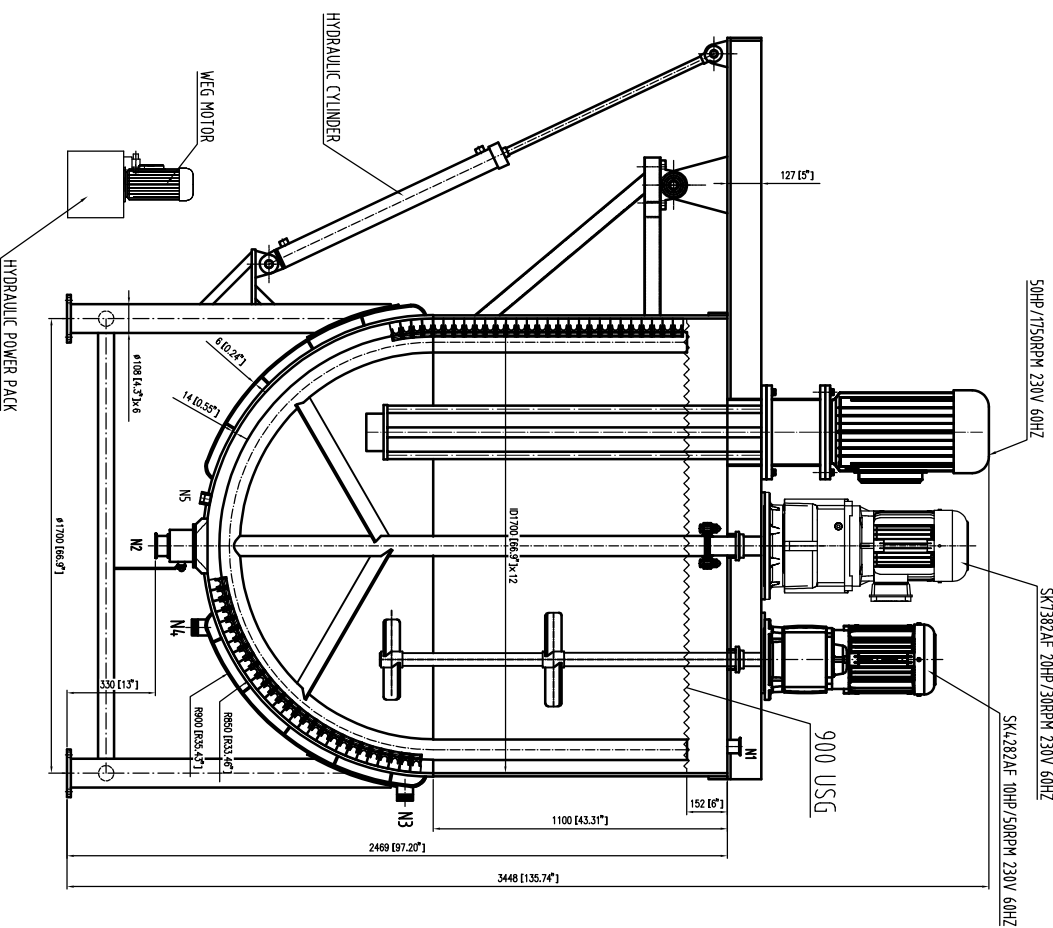


DESIGN DATA SHEET

DESIGN DATA SHEET									
CODE		ASME BPVC SECTION VIII DIVISION 1 2025 EDITION.							
FLUID		SHELL	JACKET	ASME CERTIFICATION MARKS		YES WITH U DESIGNATION FOR JACKET ONLY			
FLUID PERFORMANCE		NON LETHAL	NON LETHAL	NO REGISTRATION REQUIREMENTS		YES			
WORKING TEMPERATURE	°F	310	310	WORKING REGULATION		MA			
WORKING PRESSURE	psi	0	80	WELDING REGULATION		NOTE 2			
DESIGN TEMPERATURE	°F	320	320	WELD STRUCTURE		WELDING REGULATION			
NOTE	°F	-20	-20°F AT 300psi	THICKNESS OF WELT WELD EXCEPT WELT		WELT WELD EXCEPT WELT			
DESIGN PRESSURE	psi	0	300psi AT 320°F	PRESSURE TEST TEMPERATURE		41-119			
MAWP	psi	0	300psi AT 320°F	WELDING JAW CATEGORY		WELDING JAW CATEGORY			
CONNECTION ALLOWANCE	in	0	0	NODE		A.B			
NOTE				C.D					
PORT DIFFERENTIAL	Small / Large	0.85 / 0.85		TOTAL CAPACITY		US gal			
HYDRO TEST PRESSURE	psi	0	119	IMPACT TEST		US gal			
NOZZLE ORIENTATION	psi	NO	NO	POSTWELD HEAT TREATMENT		Exempt per 9th Ed. MA-51			
INTERNAL MAX PRESSURE	MAWP 34.24in 34.24in 34.24in 34.24in			NET MASS PER COMP.		kg			
FLUID COEFFICIENT				OPERATING MASS		kg			
INSULATION THICKNESS	in	MA		FILL WATER MASS		kg			

NOZZLE SCHEDULE

PORT	NOMINAL SIZE	QTY.	CONNECTING SIZE AND STANDARD	FACE	SERVICE	REMARKS
N1	2"	1	3A	T.C	INLET	
N2	3"	2		T.C	OUTLET	
N3	2"	1	ASME B120.1-2013	WPT	JACKET INLET	
N4	2"	1	ASME B120.1-2013	WPT	JACKET OUTLET	
N5	1 1/4"	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				PREPARED BY	CHECKED BY	APPROVED BY	DATE	
	SHAANXI HONGDA INDUSTRY CO., LTD				DRAWING NO.				
					PROJECT NUMBER Z6-0804-01-HA				
					GENERAL DRAWING 总图				
	PREPARED BY		900USG SPHERICAL TANK						
	CHECKED BY								
	APPROVED BY		SCALE 1:8	WEIGHT	REV 1	TOTAL 1	PAGE 1	1	