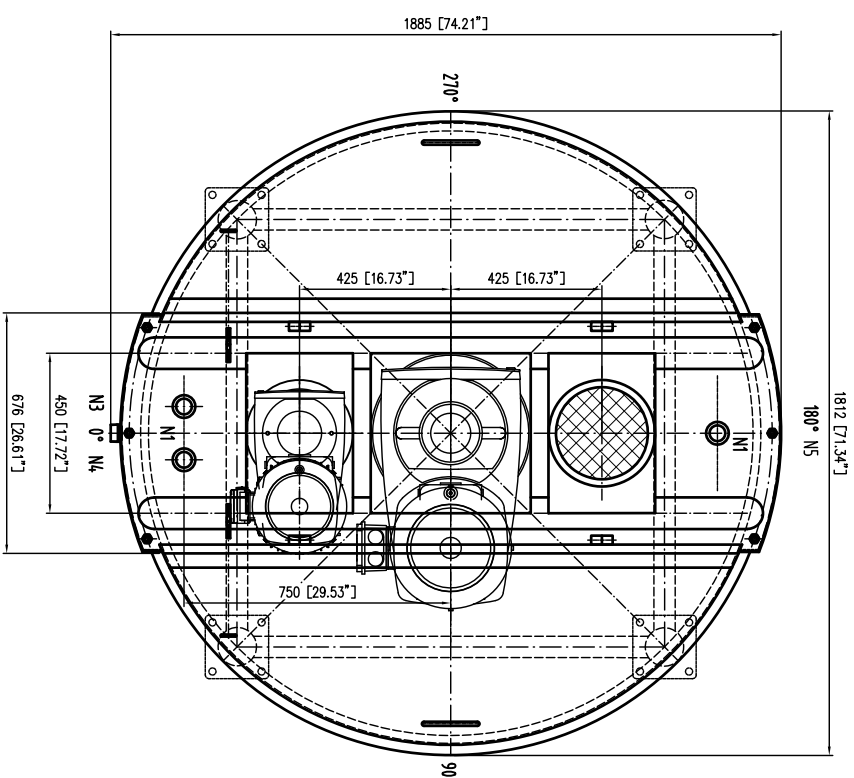
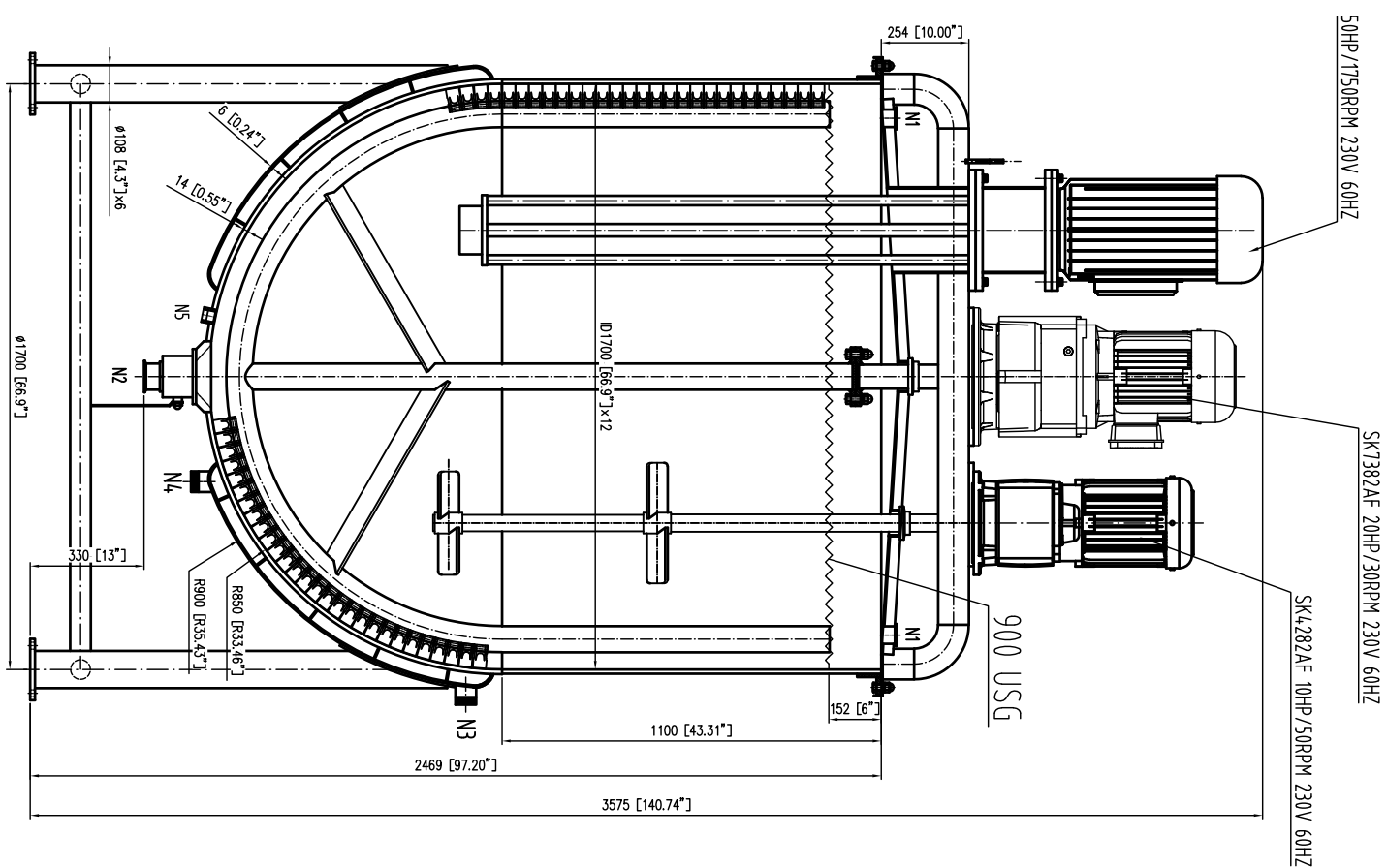




DESIGN DATA SHEET									
CODE		ASME BPVC SECTION VIII DIVISION 1 2025 EDITION.							
FLUID		SHELL	JACKET	ASME CERTIFICATION MARKS		YES WITH U DESIGNATOR FOR JACKET ONLY			
FLUID PERFORMANCE		NON LETHAL	NON LETHAL	NO REGISTRATION REQUIREMENTS		YES			
WORKING TEMPERATURE °F		310	310	GMA REGISTRATION REQUIREMENTS		NA			
WORKING PRESSURE psi		0	80	WELDING ROD TYPE		AS PER WPS			
DESIGN TEMPERATURE °F		320	320	WELDING REGULATION		NOTE 2			
WDMT		°F	-20	-20°F AT 90psi	WELD STRUCTURE		DESIGN STRESS BASED ON THE THICKNESS OF THINNER PLATE		
DESIGN PRESSURE psi		0	90psi AT 320°F	PRESSURE TEST TEMPERATURE °F		44-118			
MAWP psi		0	90psi AT 320°F	WELDING JOINT CATEGORY		METHOD/EXAM		ACC. STD.	
CORROSION ALLOWANCE in.		0	N.D.E.	A,B		SPOT RT UPT-RT UPT-11(b)		UW-52	
JOINT EFFICIENCY Shell/Head		0.85/0.85	C,D				✓/✓		
HYDRO. TEST PRESSURE psi		0	119	TOTAL CAPACITY		U.S. gal		990	
GAS TACKLE TEST PRESSURE psi		NO	IMPACT TEST		Exempted per UHA-51				
NOZZLE ORIENTATION		AS PER THIS DRAWING		POSTWELD HEAT TREATMENT		Exempted per UHA-36, UHA-44			
MATERIAL FOR MAIN PRESSURE PARTS		SA-240M 304L SA-240M 304L SA-312M TP304L		NET MASS FOR EQUIP. kg		✓/✓			
FULL COEFFICIENT		✓/✓		MASS		OPERATING MASS kg		✓/✓	
INSULATION THICKNESS in.		NA		FILL MATER MASS kg		✓/✓			
NOZZLE SCHEDULE									
MARK	NOMINAL SIZE	QTY	CONNECTING SIZE AND STANDARD		FACE	SERVICE	REMARKS		
M1	2"	3	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 1/4"	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			APPROVED BY (CHECKED BY) APPROVED BY DATE		
 SHAANXI HONGDA INDUSTRY CO., LTD				DRAWING NO. PROJECT NUMBER 26-0804-01-HA		
PREPARED BY			GENERAL DRAWING 总图			
CHECKED BY		900USG SPHERICAL TANK				
APPROVED BY		SCALE	1:8	WEIGHT	REV	1
				TOTAL:	1	
				PAGE:	1	