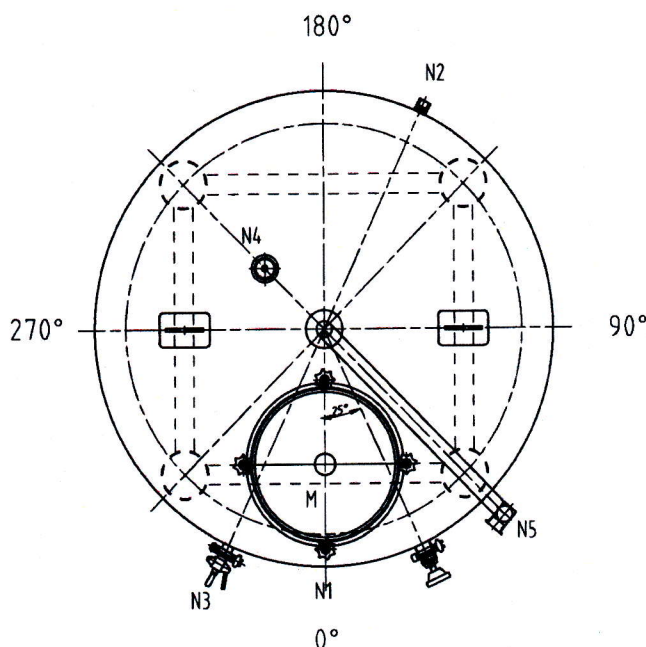
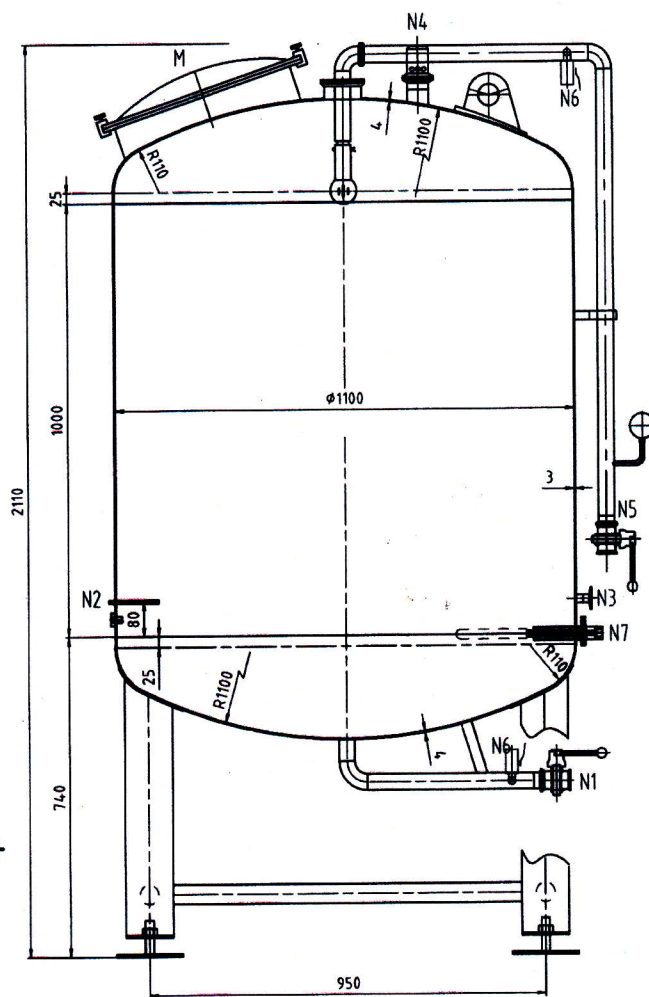


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# DATA SHEET

Vessel type	I		norm for design, produce and test					
Design Parameters	Inside	Dimple	GB150.1-150.4-2011 (pressure vessel)					
Working pressure MPa	0.3	/	NB/T4705-2011 (Welding specification for pressure vessels)					
Design pressure MPa	0.35	/	JB/T4711-2003 (Coating and packing for pressure vessels transport)					
Work temp. °C	<100	/						
Design temp. °C	105	/	Demand for produce and test					
Medium	beer	/	Weld Joint Type	Unless noted on the drawing, welding type and size as specified in the HG/T20583-2011 joint, butt joint of DU4; the pipe and the cylinder (head) of welded joint for G4; size of fillet weld in accordance with the sheet thickness, flange welding according to the provisions of the corresponding flange standard.				
Characteristics	non-harm, noncorrosible	/						
Density Kg/m³	/	/						
Material	304	/						
Corrosion allowance mm	0	/						
Joint efficiency	0.85	/	xx&xx		Electrode	Argon arc welding	Flux	
Total/work volume m³	1.25/1		304 & 304		A002	HBX-72000	/	
Heating exchange area m²	/		Welding Materials					
Safety valve	/		N D T	Weld joint type	Test rate	Test norm	Grade	
Safety valve pre. MPa	0.32			A, B	Shell	RT-2050	JB/T4730.2-2005	II/AB
Wind load KPa	/				Upper head	RT-100X	JB/T4730.2-2005	II/AB
Snow load KPa	/			Between dimple and inside		PT-100X	JB/T4730.5-2005	I
Power of agitator KW	/			/		/		
Speed of agitator rpm	/		Pressure test	By water	Inside	0.38		
Design working life	20 years			MPa	Dimple	0.52		
Net weight Kg	/		Insulation		/			
Inox weight Kg	/		Surface treatment		Other demands			
Direction of nozzles Mbaraz	Vertical view		Heat-treatment		/			
Other demands:								
1. After manufacturing, the equipment must have hydraulic test according to GB150.4-2011								
"pressure vessels", chloride ion content in the hydrostatic test water shall not be more than 25mg/L								
2. Flange bolt holes shall be with the spindle center line or a plumb line cross arranged in a shell								
3. The inside of the tank should be polished, the accuracy of polishing must be less than 0.22 μm; outer surface for brushed, inside & outer surface for passivation treatment.								
Nozzle								
Code	Nominal size	Connection type		Sealing surface	Application		Remark	
N1	DN32	φ38×2		Tri-clamp	outlet		/	
N2	DN20	M27×2		Female thread	PT100		/	
N3	DN15	/		Tri-clamp	sampling		/	
N4	DN50	φ51×2		Tri-clamp	PVRV		/	
N5	DN32	φ38×2		Tri-clamp	CIP		/	
N6	DN10	/		Ferrule	level gauge		PU	
N7	DN15	NPT1/2"		Female thread	CO2 port		/	
M	φ350	/		/	Manhole		/	

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