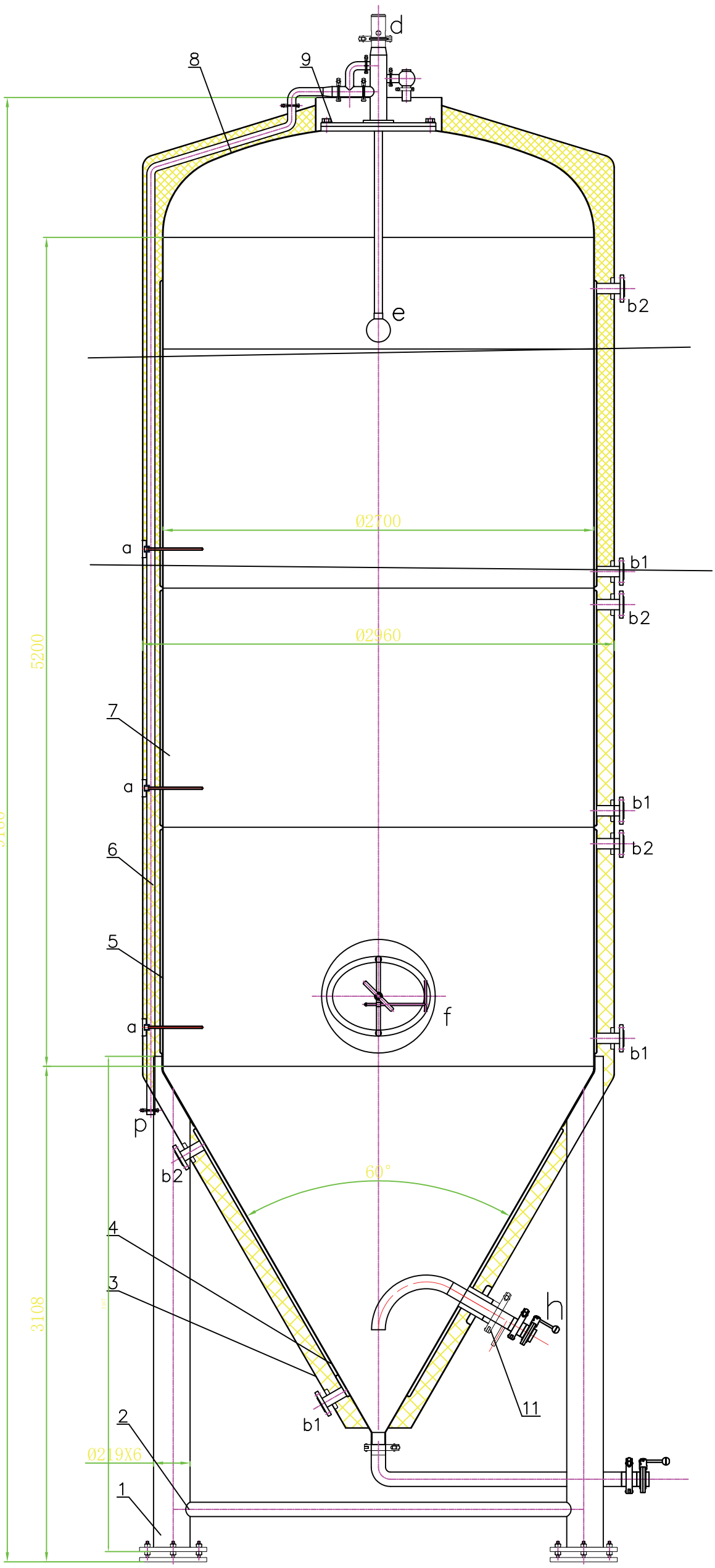
30m³ Fermenter



Desidn Dota Sheet			
Design parameters			
Container class		Pressure	
Parameter Name		Container	Pressure
Working pressure	MPa	Pressure	0.15-0.2
Design pressure	MPa	Pressure	0.3
\Working Temperature	℃	-5~95℃	
Design Temperature	℃	-5~100℃	
Medium		Beer	coolant
Medium Density	Kg/m³		
Material		304	304
Full volume	L		
EffeCtive volume	BBL		
Safety valve act pressure	MPa		
Heat transfer area	m²		
Insulation material		PU	
Insulation thickness	mm	120	
Pressure test	MPa		0.6
Air-tightness test	MPa		

1. Shell welds shall be parallel to the inner wall, with double-sided welding shall be smooth, not having concave and convex edges and scratch, all interfaces with the inner cylinder welding are light repair processing.

2. Head and polishing the surface, the inner cylinder body and the inner surface of cone 2 bar, Cylinder and cone cladding surface adopts mechanical drawing polishing processing. The inner surface of the cylinder body is pickling and passivating treatment.

3. After the completion of the manufacture, equipment to 0.2MPa hydrostatic test, the inside of the jacket to the 0.6MPa Hydraulic pressure test, pressure 24 hours, equipment is not lying testing water pressure test.

Connections

Mark	Size	Discription	Connection size	Remark
a	1/2″	PT100	ø12L=215	Thread
b1-4	2″	Glycol/ Coolant port	ø57X2	Clamp
d	2″	Relieve valve	ø50.8X1.5	Clamp
e	2″	CIP spray ball	ø50.8X1.5	Clamp
f	ø530x430	Side manway	ø530x430	Weld
h	3″	360 racking arm	ø85X2	Clamp
i	3″	Yeast outlet	ø85X2	Clamp
o	3″	Air exhaust	ø85X2	Clamp
p	2″	CIP arm	ø50.8X1.5	Clamp

11		360 racking arm		SUS304 ø89	
10		Manual butterfly valve	2	SUS304 ø89	
9		Top device	1	SUS304	
8		Dished top	1	SUS304 4mm	ø2700X4
7	GB/T25198-2010	Tank	1	SUS304	ø2960X4
6		insulation	1	PU thickness 120mm	
5		Inner thickness	1	SUS304 4mm	
4		Jacket thickness	2	SUS304 2mm	
3		External thickness	1	SUS304 2mm	
2		Support pipe	4	SUS304 Ø63.5x3	
1		Support leg	4	SUS304 Ø219X6	

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Language/ 语言 EN

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借（通）用件登记

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