



List of Design Data

Description of Parameter	Vessel	Jacket
Working Pressure	bar 1	1
Design Pressure	bar 2.6	4
Working temperature	-5 to +4.0 ℃	
Design temperature	-5 to +4.0 ℃	
Medium	Beer	
Medium density	1,040kg/m ³	
Main compressive component	304	
Gross Volume	1,345 L	
Net Volume	1,174 L	
Safety Valve ACT Pressure	1 bar	
Cooling exchanging area	m ² 2.286	
Insulation Material	PU	
Level Testing Pressure	bar 2.6	4.0

1. The inner wall shall be flat. The welding seam on inner surface shall be Grinded. Concave-cover arris and scratch mark are not allowed.
2. Inner surface
\$. The dish head&welding seam should be polished to ≤0.6μm;
\$. Inner surface of the cylinder : 2b
\$. The inner surface of stainless steel should be pickled and passivated
3. The outer surface of the cylinder, top and bottom dish head shall be polished to ≤0.6 μm;
4. After finishing tank construction , do 2.6 bar (meter pressure) water pressure test for tank, do 4.0 bar(meter indicated) for jacket during 30 minutes.

CONNECTIONS

Mark	Name	Spec.	Connection
a	Thermowell	1.5"	Tri-clamp
b1-b4	Glycol port	3/4"	NPT
c	CIP inlet	1.5"	Tri-clamp
d	PVRV	1.5"	Tri-clamp
e	CIP port	4"	Tri-clamp
f	Manway	530x430	Quick open
g	Sample Valve	1.5"	Tri-clamp
h1-2	Hose Level	DN12.7	Barb
j	Pressure gauge	1.5"	Tri-clamp
l	Drain	1.5"	Tri-clamp
m	Carbon Stone	1.5"	Tri-clamp

MOREFLAVOR INC.

Design: Wang Fa

10BBL Horizontal

DWG no.: BME10LGT

Bright Tank

Version: 1

Date: 2021-11-2