



List of Design Data

Description of Parameter	Vessel	Jacket
Working Pressure	bar	1
Design Pressure	bar	2.6
Working temperature		-5 to +40 ℃
Design temperature		-5 to +40 ℃
Medium		Beer
Medium density		1,040kg/m ³
Main compressive component		304
Gross Volume		8,163 L
Net Volume		7,044 L
Safety Valve ACT Pressure		1 bar
Cooling exchanging area	m ²	10.964
Insulation Material		PU
Level Testing Pressure	bar	2.6
		4.0

- The inner wall shall be flat. The welding seam on inner surface shall be Grinded. Concave-cover arris and scratch mark are not allowed.
- Inner surface
 - The dish head&welding seam should be polished to $\leq 0.6 \mu\text{m}$;
 - The inner surface polished to 0.10 Grit finish Mirror
- The outer surface of the cylinder, top and bottom dish head shall be polished to $\leq 0.6 \mu\text{m}$;
- 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. It is not allowed do water test with horizontal condition.

CONNECTIONS

Mark	Name	Spec.	Connection
a	Drain outlet	2"	Tri-clamp
b	Carbon Stone	1.5"	Tri-clamp
c	CIP inlet	1.5"	Tri-clamp
d	Pressure gauge	1.5"	Tri-clamp
e1-2	Thermowell	1.5"	Tri-clamp
f	Thermometer	1.5"	Tri-clamp
g	Sample Valve	1.5"	Tri-clamp
h	PVRV	2"	Tri-clamp
i	Manway	530x430	Quick open
j1-2	Hose level	1/2"	Hose barb
k	CIP port	4"	Tri-clamp
m1-6	Glycol port	3/4"	NPT

MOREFLAVOR INC.

Design: Wang Fa	60BBL Bright Beer Tank
DWG no.: BME60BBT	
Version: 1	Date: 2021-3-21