



List of Design Data

Description of Parameter		Vessel	Jacket
Working Pressure	bar	1	1
Design Pressure	bar	2	4
Working temperature		-5 to +40 ℃	
Design temperature		-5 to +40 ℃	
Medium		Beer	
Medium density		1,040kg/m ³	
Main compressive component		304	
Gross Volume		1,358 L	
Net Volume		1,174 L	
Safety Valve ACT Pressure		1 bar	
Cooling exchanging area	m ²	2.611	
Insulation Material		PU	
Level Testing Pressure	bar	2.0	4
<p>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.</p> <p>2. Inner surface</p> <p>§.The dish head&welding seam should be polished to ≤0.1μm;</p> <p>§.Inner surface of the cylinder: 2B</p> <p>§.The inner surface of stainless steel should be pickled and passivated</p> <p>3. The outer surface of the cylinder, top and bottom dish head shall be polished to ≤0.6 μm;</p> <p>4. After finishing tank construction , do 3.0 bar (meter pressure) water pressure test for tank, do 6.0 bar(meter indicated) for jacket during 30 minutes. It is not allowed do water test with horizontal condition.</p>			
CONNECTIONS			
Mark	Name	Spec.	Connection
a	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
e	Thermowell port	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	
j	Glass Level	1.5"	Tri-clamp
k	CIP port	4"	Tri-clamp
m1-4	Glycol port	3/4"	NPT

MOREFLAVOR INC.

Design: Wan Fa	10 BBL Bright Beer Tank
DWG no.: BME10BBT	
Version: 3	Date: 2019-7-29