

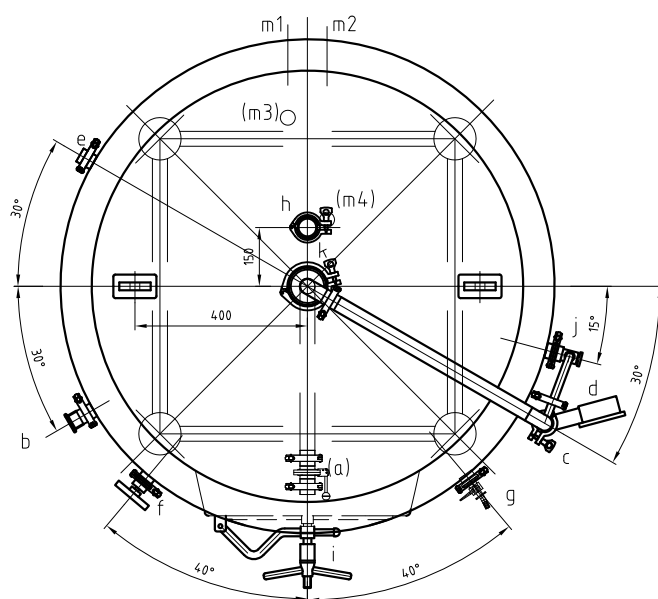
List of Design Data

| Description of Parameter | Vessel | Jacket |
|----------------------------|------------------------|--------|
| Working Pressure | bar | 1 |
| Design Pressure | bar | 2 |
| Working temperature | -5 to +40 °C | |
| Design temperature | -5 to +40 °C | |
| Medium | Beer | |
| Medium density | 1,040kg/m ³ | |
| Main compressive component | 304 | |
| Gross Volume | 1,021 L | |
| Net Volume | 822 L | |
| Safety Valve ACT Pressure | 1 bar | |
| Cooling exchanging area | m ² | 2.091 |
| Insulation Material | PU | |
| Level Testing Pressure | bar | 2.0 |
| | | 4 |

- 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 $\leq 0.1 \mu\text{m}$;
 - Inner surface of the cylinder: 2B
 - The inner surface of stainless steel should be pickled and passivated
- 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 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 to do water test with horizontal condition.

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

DWG no.: BME7BBT

Version: 3

7 BBL Bright Beer Tank

Date: 2019-7-29