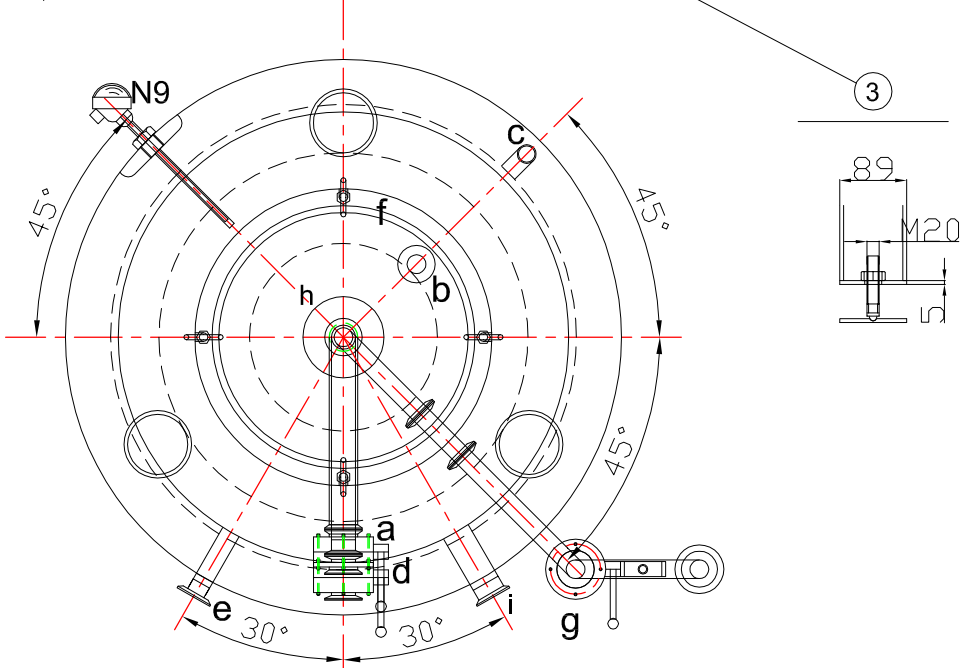
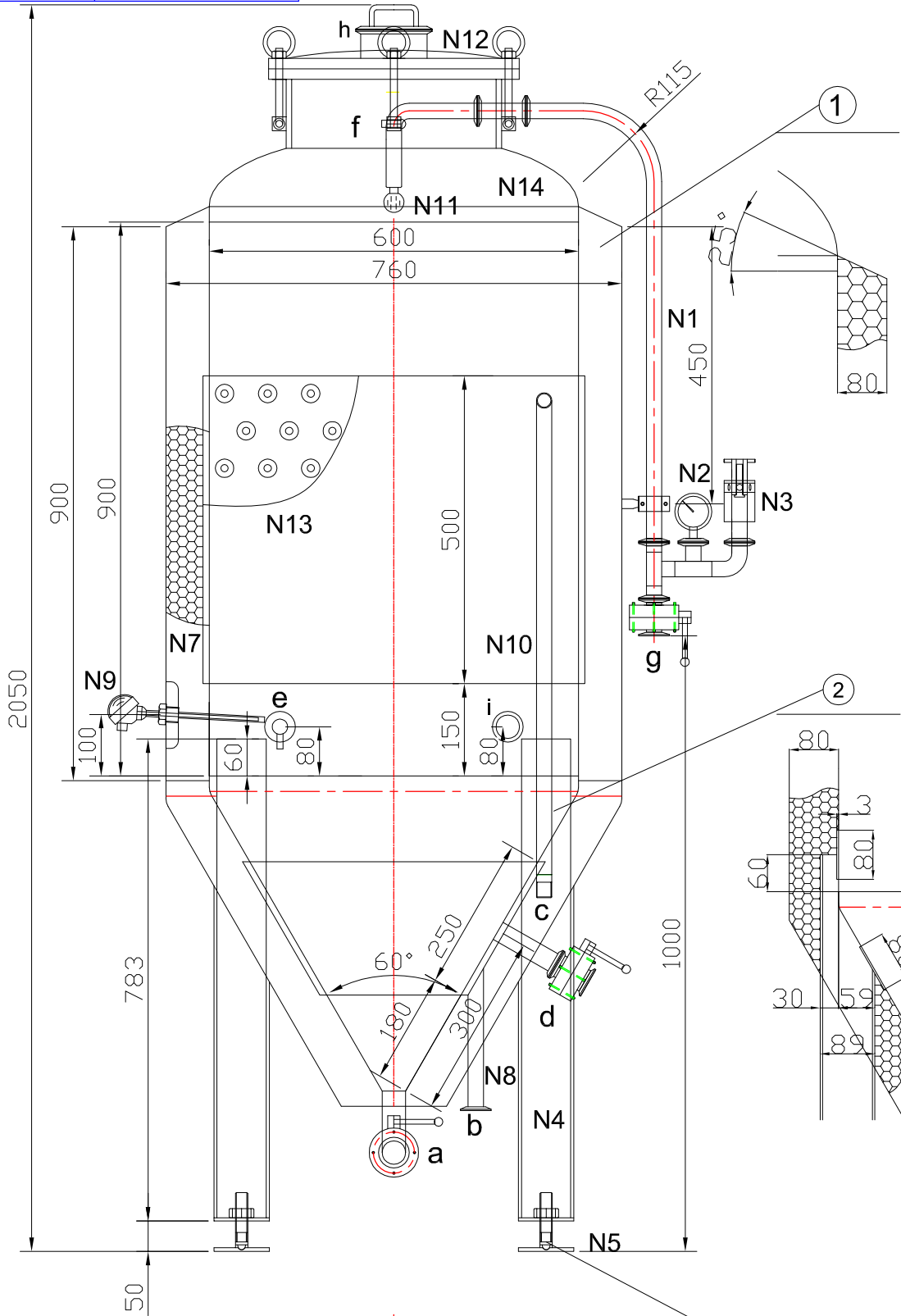


| 报价图纸<br>Drawing for quotation |               |
|-------------------------------|---------------|
| 图号编号<br>Drawing number        | 02FV250AL0500 |
| 版本<br>Version                 | R1            |
| 设计者<br>Designer               | 谷仁晨           |
| 技术<br>Technican               |               |
| 审核<br>Verifier                |               |

250L



Technique Satandards(技术标准):

1.罐体焊缝应保证平齐，不得有凹凸棱角及划痕。  
The welding line should be smooth and tidy, concave & convex edges and scratches are not allowed.

2. 焊缝抛光到Ra小于0.8微米

The polishing accuracy of welding line should be <0.8μm

3. 制造完毕后，设备内及冷却夹套打压检漏，压力3.0Bar 保持24小时

After finished, the whole tank and jackets should be tested by filling air, keeping 24hours with 3Bar pressure.

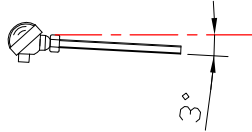
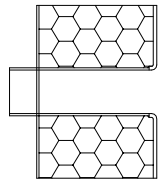
Technical Parameters (技术参数)

|                                 | Interior (内胆)                 | Jacket (夹套) |
|---------------------------------|-------------------------------|-------------|
| Material (材质)                   | SUS304                        | SUS304      |
| Working pressure (工作压力) Mpa     | 0.15                          | 0.15        |
| Design pressure (设计压力) Mpa      | 0.3                           | 0.3         |
| Tank size (罐尺寸) mm              | Ø760*2050                     |             |
| Quantity (数量)                   | 6                             |             |
| Coolting mode (制冷方式)            | Glycol water cooling (乙二醇水制冷) |             |
| Insulation material (保温材料)      | Polyurethane (聚氨酯)            |             |
| Insulation thickness (保温层厚度) mm | 80                            |             |
| Outer tank thickness (外胆厚度) mm  | 2.0                           |             |
| Inter tank thickness (内胆厚度) mm  | 2.5                           |             |
| Cover tank thickness (封头厚度) mm  | 2.5                           |             |
| Cone angle (锥角)                 | 60°                           |             |
| Cone volume (锥部容积) L            | 48                            |             |
| Cylinder volume (筒体容积) L        | 254                           |             |
| Cover volume (封头容积) L           | 28                            |             |
| Effective volume (有效容积) L       | 250                           |             |
| Total volume (总容积) L            | 330                           |             |

Table of pipe connection (管口表)

| NO. (序号) | Size (尺寸) | Purpose (用途)                 | Connecting style (连接方式) |
|----------|-----------|------------------------------|-------------------------|
| a        | Ø38*1.5   | Drainage port (排污口)          | Clamp (卡箍)              |
| b        | Ø25*1.5   | Ice water inlet (冰水进口)       | Clamp (卡箍)              |
| c        | Ø25*1.5   | Ice water outlet (冰水出口)      | Thread (外螺纹)            |
| d        | Ø32*1.5   | Beer outlet (出酒口)            | Clamp (卡箍)              |
| e        | Ø25*1.5   | Sampling port (取样口)          | Clamp (卡箍)              |
| f        | Ø350      | Flange manhole (法兰人孔)        | Clamp (卡箍)              |
| g        | Ø25*1.5   | CIP port (CIP接口)             | Clamp (卡箍)              |
| h        | Ø102      | Dry hops adding port (酒花添加口) | Clamp (卡箍)              |
| i        | Ø38*1.5   | Carbonation port (碳化口)       | Clamp (卡箍)              |

1:2



Specification (规格)

|     |                                |                         |           |          |               |
|-----|--------------------------------|-------------------------|-----------|----------|---------------|
| N14 | Dished head (蝶形封头)             | Welding (焊接)            |           | 1        | SUS304        |
| N13 | Dimple board (弥勒板)             | Welding (焊接)            |           |          | SUS304        |
| N12 | Flange manhole (法兰人孔)          | Flange (法兰)             | Ø350mm    | 1        | SUS304        |
| N11 | Cleaning ball (清洗球)            | Thread (螺纹)             | Ø25mm     | 1        | SUS304        |
| N10 | Ice water outlet (冰水出口)        | Thread (外螺纹)            | Ø25mm     | 1        | SUS304        |
| N9  | Temperature probe (铠装温度探头)     | Thread (螺纹)             | Ø25mm     | 1        | PT100         |
| N8  | Ice water inlet (冰水进口)         | Clamp (卡箍)              | Ø25mm     | 1        | SUS304        |
| N7  | Thermal insulation layer (保温层) |                         | 80mm      |          | PU            |
| N6  |                                |                         |           |          |               |
| N5  | Adjusting bolt (调节螺栓)          | Thread (螺纹)             | M20       | 3        | SUS304        |
| N4  | Supporting leg (支腿)            | Welding (焊接)            | Ø89mm     | 3        | SUS304        |
| N3  | Pressure relief valve (减压阀)    | Clamp (卡箍)              | Ø38mm     | 1        | SUS304        |
| N2  | Pressure gauge (压力表)           | Clamp (卡箍)              | Ø38mm     | 1        | SUS304        |
| N1  | CIP pipe (CIP 管)               | Clamp (卡箍)              | Ø25mm     | 1        | SUS304        |
| NO. | Name (名称)                      | Connecting style (连接方式) | Size (尺寸) | Qty (数量) | Material (材料) |

Assembly Diagram

250L 发酵  
250L Fermentation

Date NO.2019-06-17