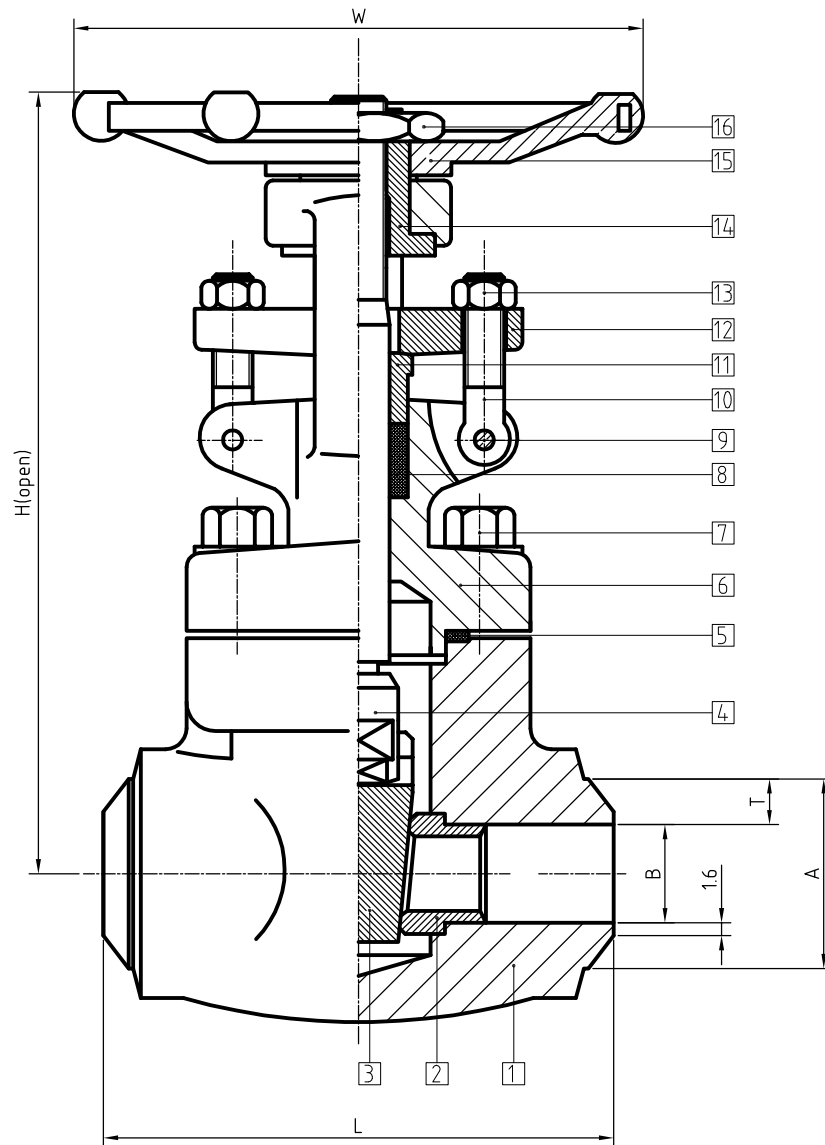




| Specification                  |                  |                    |     |
|--------------------------------|------------------|--------------------|-----|
| Class                          |                  | 1500LB             |     |
| test pressure                  | strength test    | 37.5               | MPa |
|                                | back seat test   | 27.5               |     |
|                                | sealing test     | 27.5               |     |
|                                | air sealing test | 0.6                |     |
| max.working temp.              |                  | ≤425℃              |     |
| suitable media:water,steam,oil |                  |                    |     |
| Technical Requirement          |                  |                    |     |
| Construction design conforms   |                  | API 602            |     |
| Butt-welded ends conform       |                  | ASME B16.25        |     |
| Face to face conform           |                  | Manufacturer's STD |     |
| Inspecting&testing accord      |                  | API 598            |     |

| Inch  | L   | H   | W   | A    | B    | T    |
|-------|-----|-----|-----|------|------|------|
| 1/2   | 111 | 192 | 125 | 21.3 | 15   | 3.15 |
| 3/4   | 111 | 192 | 125 | 26.7 | 17   | 4.85 |
| 1     | 120 | 219 | 160 | 33.4 | 22   | 5.7  |
| 1-1/4 | 120 | 243 | 160 | 42.2 | 29.5 | 6.35 |
| 1-1/2 | 140 | 296 | 180 | 48.3 | 35   | 6.65 |
| 2     | 178 | 316 | 200 | 60.3 | 42.9 | 8.7  |

|     |               |     |              |
|-----|---------------|-----|--------------|
| 16  | Locking Nut   | 1   | 35#          |
| 15  | Hand Wheel    | 1   | A197         |
| 14  | Stem Nut      | 1   | 35#          |
| 13  | Hex Nut       | 2   | 2H           |
| 12  | Gland Flange  | 1   | A105         |
| 11  | Gland         | 1   | 410          |
| 10  | Gland Eyebolt | 2   | B7           |
| 9   | Pin           | 2   | 35#          |
| 8   | Packing       | 1   | Graphite     |
| 7   | Bolt          | 4   | B7           |
| 6   | Bonnet        | 1   | A105         |
| 5   | Gasket        | 1   | 304+Graphite |
| 4   | Stem          | 1   | 13Cr         |
| 3   | Wedge         | 1   | 13Cr         |
| 2   | Seat          | 2   | 13Cr         |
| 1   | Body          | 1   | A105         |
| NO. | Name          | Qty | Material     |



洛阳一阀机械科技有限公司  
LUOYANG YIFA MACHINERY TECHNOLOGY CO., LTD

Fig No

Gate Valve

|          |  |  |             |     |
|----------|--|--|-------------|-----|
| Design   |  |  | Z61H-1500LB |     |
| Checked  |  |  |             |     |
| Standard |  |  | Drawing No  | REV |
| Approved |  |  |             |     |