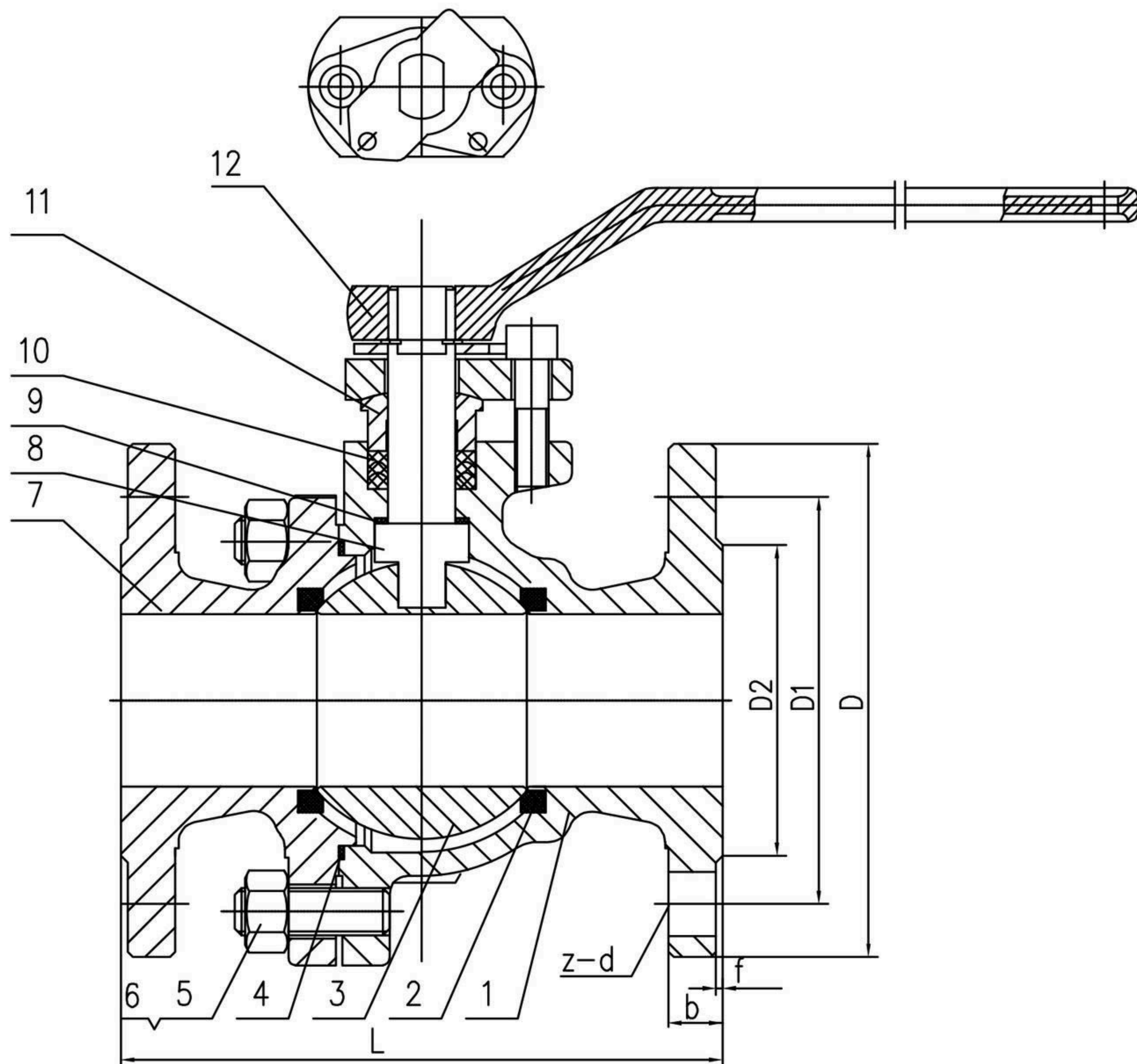




| Performance specification |                  |                    |     |
|---------------------------|------------------|--------------------|-----|
| Pressure test             | Nominal pressure | 150LB              |     |
|                           | Shell test       | 3.0                | MPa |
|                           | Seal test        | 2.2                |     |
|                           | Air test         | 0.6                |     |
| Temperature               |                  | ≤150℃              |     |
| Medium                    |                  | Water, Stream, oil |     |

## TECHNICAL REQUIREMENT

- 1.Design&Manufacture: API 608
- 2.Face to Face: ASME B16.10
- 3.Flange dimension: ASME B16.5
- 4.Test&Inspect: API 598

| NPS    | DN  | L   | D   | D1    | D2    | b    | f | z-d  |
|--------|-----|-----|-----|-------|-------|------|---|------|
| 1"     | 25  | 127 | 110 | 79.4  | 50.8  | 11.6 | 2 | 4-16 |
| 1-1/2" | 40  | 165 | 125 | 98.4  | 73.0  | 14.7 | 2 | 4-16 |
| 2"     | 50  | 178 | 150 | 120.7 | 92.1  | 16.3 | 2 | 4-19 |
| 2-1/2" | 65  | 190 | 180 | 139.7 | 104.8 | 17.9 | 2 | 4-19 |
| 3"     | 80  | 203 | 190 | 152.4 | 127.0 | 19.5 | 2 | 4-19 |
| 4"     | 100 | 229 | 230 | 190.5 | 157.2 | 24.3 | 2 | 8-19 |

|                                                                                       |           |                  |            |
|---------------------------------------------------------------------------------------|-----------|------------------|------------|
| NO.                                                                                   | PART NAME | Material         |            |
| 1                                                                                     | Body      | A216 WCB         |            |
| 2                                                                                     | Seat      | PTFE             |            |
| 3                                                                                     | Body      | SS304            |            |
| 4                                                                                     | Gasket    | PTFE             |            |
| 5                                                                                     | Nut       | A194 2H          |            |
| 6                                                                                     | Bolt      | A193 B7          |            |
| 7                                                                                     | Bonnet    | A216 WCB         |            |
| 8                                                                                     | Stem      | 2Cr13            |            |
| 9                                                                                     | Gasket    | PTFE             |            |
| 10                                                                                    | Packing   | PTFE             |            |
| 11                                                                                    | Gland     | A216 WCB         |            |
| 12                                                                                    | Lever     | A216 WCB         |            |
| HITEK PETROLEUM<br>EQUIPMENT CO.,LTD                                                  |           | ASSEMBLY DRAWING | BALL VALVE |
|  |           |                  | MODEL      |
|                                                                                       |           |                  | HB150CF    |
|                                                                                       |           |                  |            |