



| | d | L | BSPP/BSPT/NPT | H | W |
|-------|------|-----|---------------|-------|-----|
| DN8 | 11 | 65 | 1/4 | 48.5 | 95 |
| DN10 | 11.5 | 65 | 3/8 | 48.5 | 95 |
| DN15 | 15 | 75 | 1/2 | 54 | 105 |
| DN20 | 19.5 | 80 | 3/4 | 65.5 | 120 |
| DN25 | 25 | 90 | 1 | 72 | 140 |
| DN32 | 32 | 110 | 1¼ | 81 | 150 |
| DN40 | 38 | 120 | 1½ | 96 | 170 |
| DN50 | 49 | 140 | 2 | 105 | 185 |
| DN65 | 64 | 160 | 2½ | 120 | 220 |
| DN80 | 77 | 180 | 3 | 134.5 | 270 |
| DN100 | 99 | 215 | 4 | 167 | 330 |

| Nominal pressure | | | 1000Psi | | | | |
|------------------------|---------------|------|-----------------|-------------|-------|------------------|--------------------|
| Test pressure | Shell test | 10.4 | Mpa | Test medium | Water | Test temperature | Normal temperature |
| | Seal test | 7.6 | | | Air | | |
| | Gas seal test | 0.6 | | | | | |
| Applicable medium | | | Water, Oil, Gas | | | | |
| Applicable temperature | | | -29~180°C | | | | |

NOTE:

- 1.Design and Manufacture for valve according to ASME B16.34.
- 2.Inspection and Test for valve according to API 598.
- 3.The connection of screwed for valve according to ISO 7/1 or ANSI B1.20.1.

| | | | | |
|----|-------------------|---|-----------------|-----------------|
| 17 | HANDLE SLEEVE | 1 | PLACTIC | PLACTIC |
| 16 | HANDLE | 1 | STAINLESS STEEL | STAINLESS STEEL |
| 15 | LOCKING DEVICE | 1 | STAINLESS STEEL | STAINLESS STEEL |
| 14 | NUT | 1 | A194 8 | A194 8M |
| 13 | SPRING WASHER | 1 | 304 | 316 |
| 12 | GLAND | 1 | 304 | 316 |
| 11 | PACKING | - | RPTFE | RPTFE |
| 10 | STEM WASHER | 1 | RPTFE | RPTFE |
| 9 | STEM | 1 | A276 304 | A276 316 |
| 8 | NUT | - | A194 8 | A194 8M |
| 7 | SPRING WASHER | - | 304 | 316 |
| 6 | HEXAGON HEAD BOLT | - | A193 B8 | A193 B8M |
| 5 | BODY | 1 | A351 CF8 | A351 CF8M |
| 4 | BALL | 1 | SS304 | SS316 |
| 3 | SEAT | 2 | RPTFE | RPTFE |
| 2 | GASKET | 1 | RPTFE | RPTFE |
| 1 | BONNET | 1 | A351 CF8 | A351 CF8M |

| NO. | DESCRIPTION | QTY | MATERIAL | |
|------|-----------------|----------------|----------------------------|-------|
| | | | AT300 | AT301 |
| | | | GENERAL DRAWING | |
| | | | 3PC SCREWED END BALL VALVE | |
| | | | AT300/301 | |
| MARK | BEFORE MODIFIED | AFTER MODIFIED | DATE | |
| DRA. | | APP. | | |
| CHK. | | DATE | | |
| | | | SCALE | |