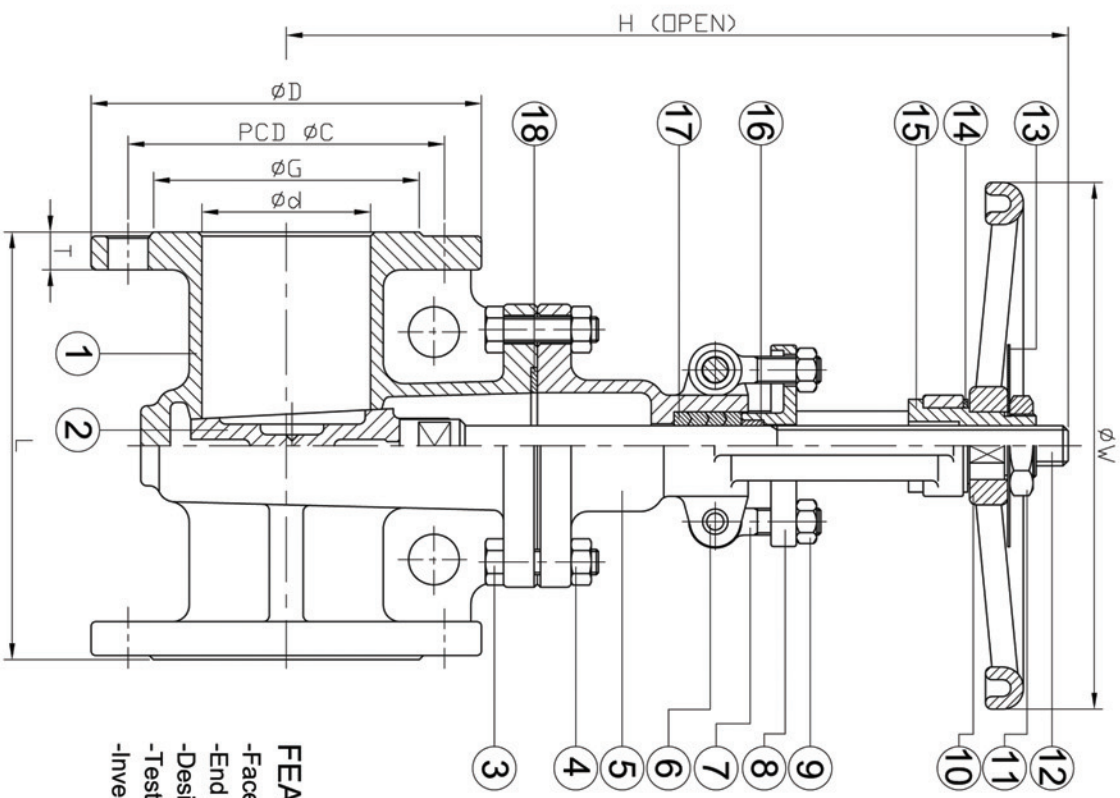


| | | | | | | |
|----|-----|-----|-----|----|--|---|
| Ra | 0.2 | 1.6 | 6.3 | 25 | | GENERAL TOLERANCE 0.5~5 6~30 31~120 121~320 321~1000 |
| | JIS | ▽▽▽ | ▽▽ | ▽ | | |



TEST PRESSURE

| SHELL (BY WATER) | | 450 PSI |
|------------------|--|-----------------------|
| | | 32 kg/cm ² |
| BY WATER | | 315 PSI |
| | | 22 kg/cm ² |
| SEAT | | 80 PSI |
| | | 6 kg/cm ² |

- FEATURES:**
- Face to Face Dimensions: ANSI B16.10
 - End Fldnge Dimensions: ANSI B16.5
 - Design: ANSI B16.34
 - Test: API 598
 - Investment Casting Body

| DN | d | L | H | W | D | C | G | T |
|-----|-----|-----|-------|-----|-----|-------|-----|------|
| 15 | 15 | 108 | 182 | 120 | 89 | 60.5 | 35 | 12.1 |
| 20 | 20 | 117 | 164 | 120 | 98 | 70 | 43 | 12.1 |
| 25 | 25 | 127 | 198.5 | 120 | 108 | 79.5 | 51 | 12.1 |
| 32 | 32 | 140 | 248.5 | 200 | 117 | 89 | 64 | 12.7 |
| 40 | 40 | 165 | 248.5 | 200 | 127 | 98.5 | 73 | 14.3 |
| 50 | 50 | 178 | 278.5 | 200 | 152 | 120.5 | 92 | 15.9 |
| 65 | 65 | 190 | 312.5 | 200 | 178 | 139.5 | 105 | 17.5 |
| 80 | 80 | 203 | 377.5 | 250 | 190 | 152.5 | 127 | 19.1 |
| 100 | 100 | 229 | 429 | 250 | 229 | 190.5 | 157 | 23.9 |
| 125 | 125 | 254 | 485.5 | 300 | 254 | 216 | 186 | 23.9 |
| 150 | 150 | 267 | 589 | 300 | 279 | 241.5 | 216 | 25.4 |
| 200 | 200 | 292 | 911 | 350 | 343 | 298.5 | 270 | 28.6 |
| 250 | 250 | 330 | 849.5 | 400 | 406 | 362 | 324 | 30.2 |
| 300 | 300 | 356 | 1285 | 400 | 483 | 432 | 381 | 31.8 |

| NPS | d | L | H | W | D | C | G | T |
|--------|-------|-------|-------|-------|-------|-------|-------|------|
| 1/2" | 0.59 | 4.25 | 7.17 | 4.72 | 3.5 | 2.38 | 1.38 | 0.48 |
| 3/4" | 0.79 | 4.61 | 6.46 | 4.72 | 3.86 | 2.76 | 1.69 | 0.48 |
| 1" | 0.98 | 5 | 7.81 | 4.72 | 4.25 | 3.13 | 2.01 | 0.48 |
| 1-1/4" | 1.26 | 5.51 | 9.78 | 7.87 | 4.61 | 3.5 | 2.52 | 0.5 |
| 1-1/2" | 1.57 | 6.5 | 9.78 | 7.87 | 5 | 3.88 | 2.87 | 0.56 |
| 2" | 1.97 | 7.01 | 10.96 | 7.87 | 5.98 | 4.74 | 3.62 | 0.63 |
| 2-1/2" | 2.56 | 7.48 | 12.3 | 7.87 | 7.01 | 5.49 | 4.13 | 0.69 |
| 3" | 3.15 | 7.99 | 14.86 | 9.84 | 7.48 | 6 | 5 | 0.75 |
| 4" | 3.94 | 9.02 | 16.89 | 9.84 | 9.02 | 7.5 | 6.18 | 0.94 |
| 5" | 4.92 | 10 | 19.11 | 11.81 | 10 | 8.5 | 7.32 | 0.94 |
| 6" | 5.91 | 10.51 | 23.19 | 11.81 | 10.98 | 9.51 | 8.5 | 1 |
| 8" | 7.87 | 11.5 | 35.87 | 13.78 | 13.5 | 11.75 | 10.63 | 1.13 |
| 10" | 9.84 | 12.99 | 33.44 | 15.75 | 15.98 | 14.25 | 12.76 | 1.19 |
| 12" | 11.81 | 14.02 | 50.59 | 15.75 | 19.02 | 17.01 | 15 | 1.25 |

unit:mm

| ITEM | PARTS | MATERIAL |
|------|---------------|---------------------------------|
| 1 | BODY | ASTM A351-CF8M ASTM A351-CF8 |
| 2 | DISC | ASTM A193-B8 |
| 3 | BONNET BOLT | ASTM A194-B |
| 4 | BONNET NUT | ASTM A194-B |
| 5 | BONNET | ASTM A351-CF8M ASTM A351-CF8 |
| 6 | HINGE PIN | SUS 304 |
| 7 | EYE BOLT | ASTM A193-B8 |
| 8 | GLAND | ASTM A351-CF8M ASTM A351-CF8 |
| 9 | EYE NUT | ASTM A194-B |
| 10 | HAND WHEEL | FCD |
| 11 | NUT | BRONZE |
| 12 | STEM | ASTM A182-F316 ASTM A182-F304 |
| 13 | NAME PLATE | SUS 304 |
| 14 | SPRING | BRONZE |
| 15 | YOKE SLEEVE | BRONZE |
| 16 | GLAND PACKING | PTFE |
| 17 | PACKING | PTFE |
| 18 | GASKET | PTFE |

| | | | | |
|----------------------------------|-------------|-------------|---------------|---------------------------------|
| CHECK BY | DRAWING BY | DATE | SPECIFICATION | Flanged End Gate Valve ANSI 150 |
| | | Mar.14.2008 | MATERIAL | ASTM A351-CF8M |
| | | | PROCESS/Nr. | |
| | | | UNIT / SCALE | mm |
| DRAWING NO. 2054000SL -08 | | | | |
| Revise | Description | Date | Approve | |