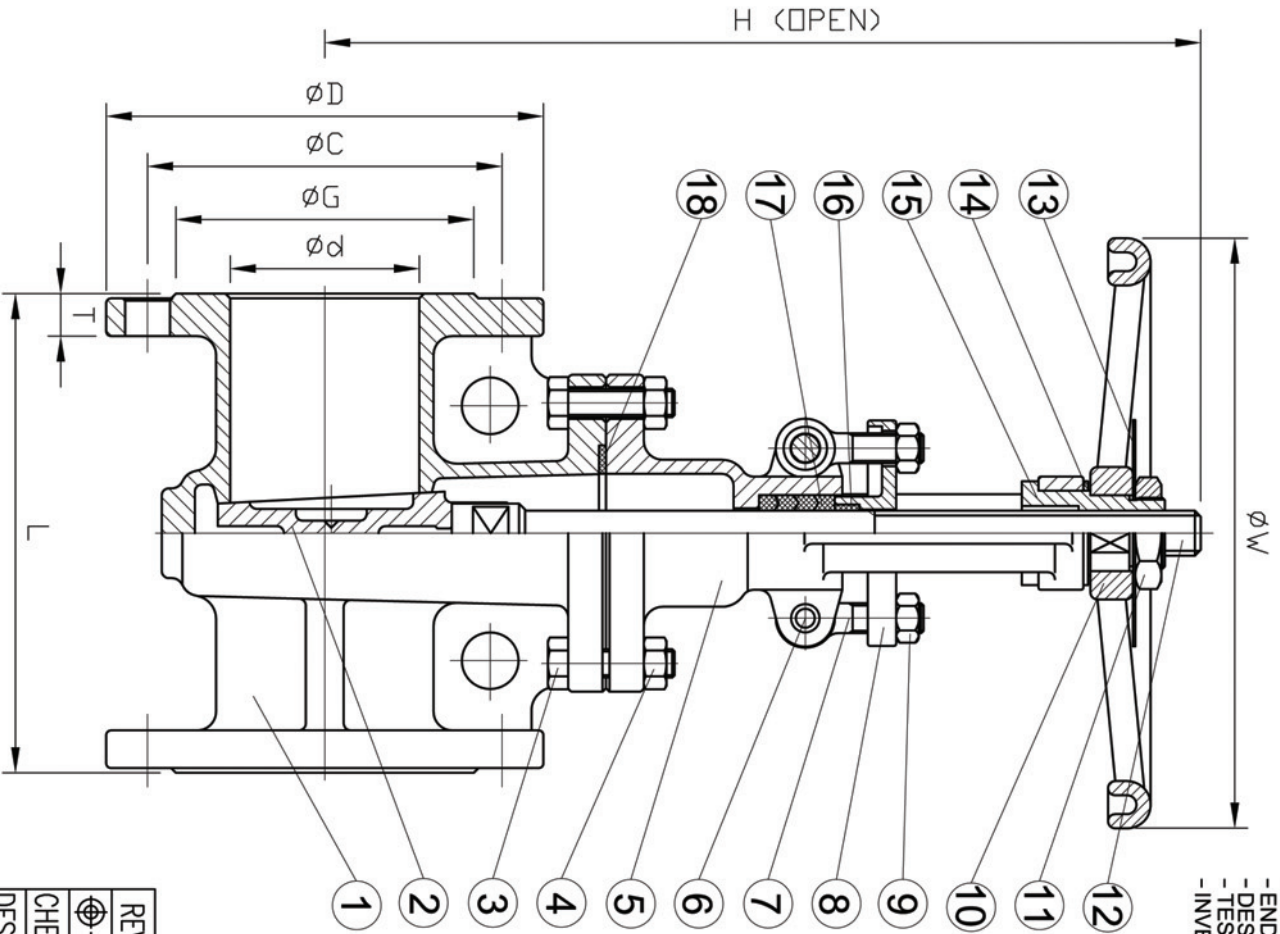


**FEATURES**  
 -FACE TO FACE DIMENSION: DIN3202 F1  
 -END FLANGE DIMENSION: DIN2633  
 -DESIGN: ANSI B16.34  
 -TEST: API 598  
 -INVESTMENT CASTING BODY



| SIZE | d   | L   | H    | W   | D   | C   | G   | T  |
|------|-----|-----|------|-----|-----|-----|-----|----|
| 15   | 15  | 130 | 183  | 120 | 95  | 65  | 45  | 14 |
| 20   | 20  | 150 | 190  | 120 | 105 | 75  | 58  | 16 |
| 25   | 25  | 160 | 210  | 120 | 115 | 85  | 68  | 16 |
| 32   | 32  | 180 | 270  | 200 | 140 | 100 | 78  | 16 |
| 40   | 40  | 200 | 270  | 200 | 150 | 110 | 88  | 16 |
| 50   | 50  | 230 | 320  | 200 | 165 | 125 | 102 | 18 |
| 65   | 65  | 290 | 375  | 200 | 185 | 145 | 122 | 18 |
| 80   | 80  | 310 | 445  | 250 | 200 | 160 | 138 | 20 |
| 100  | 100 | 350 | 523  | 250 | 220 | 180 | 158 | 20 |
| 125  | 125 | 400 | 606  | 300 | 250 | 210 | 188 | 22 |
| 150  | 150 | 480 | 710  | 300 | 285 | 240 | 212 | 22 |
| 200  | 200 | 600 | 910  | 350 | 340 | 295 | 268 | 24 |
| 250  | 250 | 730 | 1117 | 400 | 405 | 355 | 320 | 26 |
| 300  | 300 | 850 | 1324 | 400 | 460 | 410 | 378 | 26 |

**TEST PRESSURE:**

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

| NO. | PART NAME     | MATERIAL                    |
|-----|---------------|-----------------------------|
| 1   | BODY          | 1.4308                      |
| 2   | DISC          | 1.4308                      |
| 3   | BONNET BOLT   | ASTM 194-B8                 |
| 4   | BONNET NUT    | ASTM 194-B8                 |
| 5   | BONNET        | 1.4308                      |
| 6   | HINGE PIN     | SUS304                      |
| 7   | EYE BOLT      | SUS304                      |
| 8   | GLAND         | SCS13                       |
| 9   | EYE NUT       | ASTM 194-B8                 |
| 10  | HAND WHEEL    | FCD                         |
| 11  | NUT           | BRONZE(OR DUCTILENI-RESIST) |
| 12  | STEM          | SUS316                      |
| 13  | NAME PLATE    | SUS304                      |
| 14  | SPRING        | BRONZE(OR DUCTILENI-RESIST) |
| 15  | YOKE SLEEVE   | BRONZE(OR DUCTILENI-RESIST) |
| 16  | GLAND PACKING | PTFE                        |
| 17  | PACKING       | PTFE                        |
| 18  | GASKET        | PTFE(OR NO ASBESTOS)        |

| REV.     | DATE       | TYPE        |
|----------|------------|-------------|
| 4        | 2006/07/14 | VT-GAF      |
| CHECKED  | SCALE      | DMG_NO.     |
| DESIGNER | Describe   | VT_PN16_133 |
| DRAWN    | GATE VALVE |             |