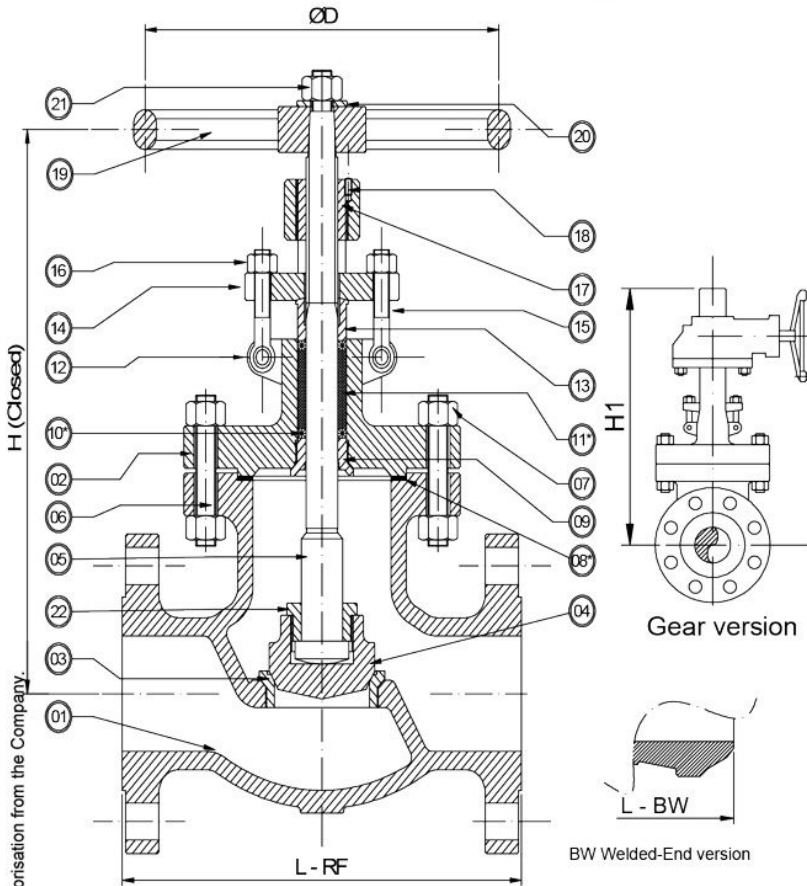


300 Lbs



DT-CDV-300



### BASIC DESIGN STANDARDS

|                        |  |
|------------------------|--|
| Basic Design           | BS 1873 / ANSI B16.34  |
| Face to Face Dimension | ANSI B16.10  |
| Flanges                | Up to 24" ANSI B16.5<br>From 26" MSS SP44<br>ANSI B16.47 API 605 |
| Butt-weld ends         | ANSI B16.25  |
| Testing                | API 598  |

### STANDARD DESCRIPTION

- Outside Screw & Yoke – Rising Stem
- Rising Hand Wheel
- Bolted Bonnet Joint
- Screwed Seat Ring up to Ø 6"
- Welded Seat Ring from Ø 8"
- Swivel Plug Disc Standard Type
- Available with Gear Operator
- Special features according to Customer's requirement

### TEST PRESSURE TO API 598 Psi/bar

|               |              |            |
|---------------|--------------|------------|
| Shell (water) | Seat (water) | Seat (air) |
| 1125 / 78     | 825 / 57     | 80 / 5,5   |

\* Recommended Spare Parts

| No | Part Name    | TRIM NUMBER AS PER API 600 |     |          |          |       |     |          |          |
|----|--------------|----------------------------|-----|----------|----------|-------|-----|----------|----------|
|    |              | 1                          | 2   | 8        | 5        | 9     | 10  | 12       | 16       |
| 03 | Seat Ring    |                            |     | STL Gr.6 | STL Gr.6 |       |     | STL Gr.6 | STL Gr.6 |
| 04 | Disc         |                            |     | 410      | STL Gr.6 |       |     |          | STL Gr.6 |
| 05 | Stem         |                            |     |          |          |       |     |          |          |
| 09 | Backseat     | 410                        | 304 |          |          | MONEL | 316 | 316      | 316      |
|    | Lantern Ring |                            |     | 410      | 410      |       |     |          |          |
| 13 | Gland        |                            |     |          |          |       |     |          |          |
| 22 | Disc Nut     |                            |     |          |          |       |     |          |          |

### BILL OF MATERIALS STANDARD ACCORDING TO ASTM

| No    | Part Name            | Carbon Steel                  |          | Alloy Steel |         | Stainless Steel |           |          |           |  |
|-------|----------------------|-------------------------------|----------|-------------|---------|-----------------|-----------|----------|-----------|--|
|       |                      | WCB                           | LCB      | WC6         | C5      | CF8             | CF8M      | CF3      | CF3M      |  |
| 01    | Body                 | A216 WCB                      | A352LCB  | A217WC6     | A217 C5 | A351 CF8        | A351 CF8M | A351 CF3 | A351 CF3M |  |
| 02    | Bonnet               | A216 WCB                      | A352 LCB | A217 WC6    | A217 C5 | A351 CF8        | A351 CF8M | A351 CF3 | A351 CF3M |  |
| 06    | Bonnet Bolts         | A193-B7                       | A320-L7  | A193-B16    |         | A193-B8         |           |          |           |  |
| 07    | Bonnet Nuts          | A194-2H                       | A194-4   | A194-4      |         | A194-8          |           |          |           |  |
| 08    | Body / Bonnet Gasket | 304 SS + Graphite inhibited   |          |             |         |                 |           |          |           |  |
| 10-11 | Stem Packing         | Braided and Flexible Graphite |          |             |         |                 |           |          |           |  |
| 12    | Eyebolts Pin         | A276-410                      |          |             |         |                 |           |          |           |  |
| 14    | Gland Flange         | A216 WCB                      | A352 LCB | A217 WC6    | A217 C5 | A351 CF8        | A351 CF8M | A351 CF3 | A351 CF3M |  |
| 15    | Gland Eyebolts       | A193-B7                       | A320-L7  | A193-B16    |         | A193-B8         |           |          |           |  |
| 16    | Gland Nuts           | A194-2H                       | A194-4   | A194-4      |         | A194-8          |           |          |           |  |
| 17    | Stem Nut             | ASTM A439-D2                  |          |             |         |                 |           |          |           |  |
| 18    | Stem Nut Screw       | Carbon Steel                  |          |             | 410     |                 |           |          |           |  |
| 19    | Hand Wheel           | Ductile Iron or Steel         |          |             |         |                 |           |          |           |  |
| 20    | Washer               | Carbon Steel                  |          |             |         |                 | 410       |          |           |  |
| 21    | Hand Wheel Nut       | Stainless Steel               |          |             |         |                 |           |          |           |  |

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# CAST STEEL GLOBE VALVES

300 Lbs



| SIZE   |     | DIMENSION in mm |        |          |     |     |      | WEIGHT         |                    |
|--------|-----|-----------------|--------|----------|-----|-----|------|----------------|--------------------|
| Inches | mm  | L (RF)          | L (BW) | H Closed | H1  | Ø D | Ø Da | Kg (HANDWHEEL) | Kg (GEAR OPERATOR) |
| 2"     | 50  | 267             | 267    | 385      | -   | 200 | -    | 28             | -                  |
| 2-1/2" | 65  | 292             | 292    | 460      | -   | 245 | -    | 40             | -                  |
| 3"     | 80  | 318             | 318    | 430      | -   | 285 | -    | 54             | -                  |
| 4"     | 100 | 356             | 356    | 495      | -   | 285 | -    | 75             | -                  |
| 6"     | 150 | 444             | 444    | 590      | 635 | 450 | 305  | 155            | 181                |
| 8"     | 200 | 559             | 559    | 800      | 845 | 600 | 460  | 310            | 359                |
| 10"    | 250 | 622             | 622    | 915      | 960 | 700 | 610  | 485            | 583                |
| 12"    | 300 | 711             | 711    | 1040     | 975 | 700 | 610  | 690            | 788                |

For Face-to-Face dimension L (RTJ), add +16 mm from size 2" up to 12"

CAST STEEL GLOBE VALVES CLASS 300 #