ZOLOTO®
VALVES
since 1966

AN ISO 9001, 14001 & 45001
CERTIFIED COMPANY

# 1074A Forged Steel Globe Valve, Class-800 (Full Bore) I.B.R

## Salient Features

- Design Standard API 602 / BS EN ISO 15761 (BS 5352).
- Body and Bonnet are Phosphated, to ensure maximum resistance from rust.
- Bolted Bonnet, Outside Screw, Yoke Type, Rising Stem.
- Screwed Female Ends to BSPT / NPT / Socket Welded to ANSI B16.11.

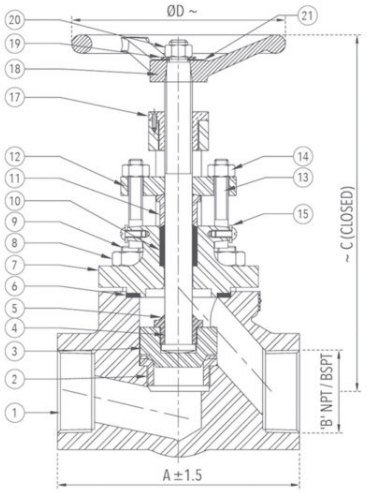


Test Pressure :
Shell (Hydrostatic) : 207 bar (3000 psig)
Seat & Back Seat(Hydrostatic) : 152 bar (2200 psig)
Seat (Pneumatic) : 6.9 bar (100 psig)
Maximum Working Temperature : 425°C

**Suitable For**
Steam, Water, Oil, Air, Gases

## Materials

| P.No. | Name of Part | Material of Construction | Specification | Qty. |
|---|---|---|---|---|
| 1 | Body | Forged Carbon Steel | ASTM A 105 | 1 |
| 2 | Body Seat Ring | Stainless Steel | ASTM A 276 Type 410 / ASTM A 182 Gr. F6a | 1 |
| 3 | Disc | Stainless Steel | ASTM A 276 Type 410 | 1 |
| 4 | Stem | Stainless Steel | ASTM A 276 Type 410 / ASTM A 182 Gr. F6a | 1 |
| 5 | Check Nut | Stainless Steel | ASTM A 276 Type 410 | 1 |
| 6 | Gasket | Spiral Wound S.S (Type 316) Graphite Filled | - - - | 1 |
| 7 | Bonnet | Forged Carbon Steel | ASTM A 105 | 1 |
| 8 | Bonnet Nut | Alloy Steel | ASTM A 194 Gr. 2H | 4 |
| 9 | Stud | Alloy Steel | ASTM A 193 Gr. B7 | 4 |
| 10 | Gland Packing | Non Asbestos Graphite With Corrosion Inhibitor | - - - | |
| 11 | Gland | Stainless Steel | ASTM A 276 Type 410 | 1 |
| 12 | Gland Flange | Carbon Steel | - - - | 1 |
| 13 | Eye Bolt | Stainless Steel | ASTM A 276 Type 410 / ASTM A 182 Gr. F6a | 2 |
| 14 | Nut | Alloy Steel | ASTM A 194 Gr. 2H | 2 |
| 15 | Washer | Carbon Steel | - - - | 2 |
| 16 | Screw | Carbon Steel | - - - | 2 |
| 17 | Yoke Bush | Aluminium Bronze | BS EN 1982 AB – 1 | 1 |
| 18 | Handwheel | Ductile Iron | ASTM A536 / IS 1865 | 1 |
| 19 | Washer | Carbon Steel | - - - | 1 |
| 20 | Handwheel Nut | Carbon Steel | - - - | 1 |
| 21 | Identification Plate | Aluminium | - - - | 1 |




## Sizes / Dimensions

| Size (Inches) | Size (mm) | A ±1.5 | B | C ~ | ØD ~ |
|---|---|---|---|---|---|
| 3/8 | 10 | 85 | 3/8″ | 156 | 95 |
| 1/2 | 15 | 86 | 1/2″ | 156 | 95 |
| 3/4 | 20 | 101 | 3/4″ | 183 | 95 |
| 1 | 25 | 140 | 1″ | 250 | 155 |
| 1 1/4 | 32 | 140 | 1 1/4″ | 250 | 155 |
| 1 1/2 | 40 | 164 | 1 1/2″ | 250 | 155 |

ZOLOTO INDUSTRIES
Zoloto House, 11th Milestone, Lambra, Nakodar Road,
Jalandhar – 144026. Punjab. INDIA
https://www.zolotovalves.com
Phones : +91 181 4676666 (100 Lines)
Facsimile: +91 181 2792500 & 2251600
Email : sales@zolotovalves.com, mktg@zolotovalves.com

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