

## 1074 Forged Steel (A 105) Globe Valve Class-800 (Standard Bore)

I.B.R

### Salient Features

- Design Standard API 602 / BSEN 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

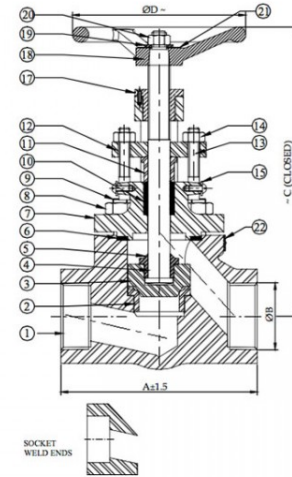
### Suitable For

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	BSEN 1982 AB - 1	1
18	Handwheel	Ductile Iron	ASTM A536	1
19	Washer	Carbon Steel	---	1
20	Handwheel Nut	Carbon Steel	---	1
21	Identification Plate	Aluminium	---	1
22	API Name Plate	Stainless Steel	ASTM A 240 Type 304	1



### Sizes / Dimensions

Size (Inches)	Size (mm)	A ±1.5	B	C ~	ØD ~
1/2	15	80	1/2"	156	95
3/4	20	86	3/4"	156	95
1	25	98	1"	183	95
1 1/4	32	130	1 1/4"	210	120
1 1/2	40	140	1 1/2"	250	155

Size (Inches)	Size (mm)	A ±1.5	B	C ~	ØD ~
2	50	164	2"	250	155