ZOLOTO®
VALVES
since 1966

AN ISO 9001, 14001 & 45001 CERTIFIED COMPANY

1075A Forged Steel Gate 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.

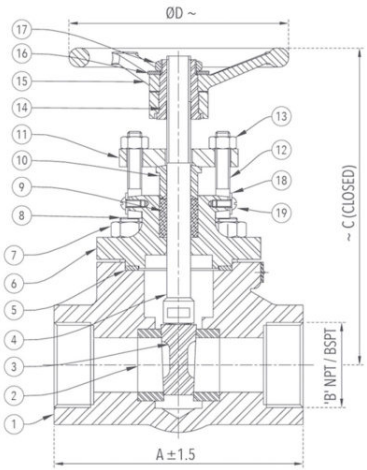


Test Pressure :
Shell (Hydrostatic) : 207 bar (3000 psig)
Seat & Back Seat(Hydrostatic) : 152 bar (2200 psig)
Seat (Pneumatic) : 6.9 bar (100 psig)
Maximum Working Temperature : 425°C

Suitable For
Steam, Water, Oil

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 A276 Type 410 / ASTM A 182 Gr. F6a	2
3	Wedge (Solid)	Stainless Steel	ASTM A217 Gr. CA 15	1
4	Stem	Stainless Steel	ASTM A276 Type 410 / ASTM A 182 Gr. F6a	1
5	Gasket	Spiral Wound S.S. (Type 316) Graphite Filled	– – –	1
6	Bonnet	Forged Carbon Steel	ASTM A 105	1
7	Bonnet Nut	Alloy Steel	ASTM A 194 Gr. 2H	4
8	Stud	Alloy Steel	ASTM A 193 Gr. B7	4
9	Gland Packing	Non Asbestos Graphite With Corrosion Inhibitor	– – –	
10	Gland	Stainless Steel	ASTM A276 Type 410.	1
11	Gland Flange	Carbon Steel	– – –	1
12	Eye Bolt	Stainless Steel	ASTM A276 Type 410 / ASTM A 182 Gr. F6a	2
13	Nut	Alloy Steel	ASTM A194 Gr. 2H	2
14	Yoke Sleeve	Aluminium Bronze	BSEN 1982 AB – 1	1
15	Handwheel	Ductile Iron	ASTM A 536 / IS 1865	1
16	Identification Plate	Aluminium	– – –	1
17	Check Nut	Stainless Steel	ASTM A 276 Type 410	1
18	Washer	Carbon Steel	– – –	2
19	Screw	Carbon Steel	– – –	2



Sizes / Dimensions

Size (Inches)	Size (mm)	A ±1.5	B	C ~	ØD ~
3/8	10	85	3/8″	143	85
1/2	15	86	1/2″	146	85
3/4	20	101	3/4″	162	95
1	25	140	1″	226	155
1 1/4	32	140	1 1/4″	226	155
1 1/2	40	164	1 1/2″	230	155

~ ±10

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