

FORGED STEEL GATE VALVE

Class 800

Design Description:

- Bolted Bonnet
- Outside Screw and Yoke
- Wedge Disc
- Rising Stem and Non-Rising
- HandWheel
- Renewable Seat Ring
- Screwed Ends (Type A65S)
- Socket Weld Ends (Type A65W)

Test Pressure:

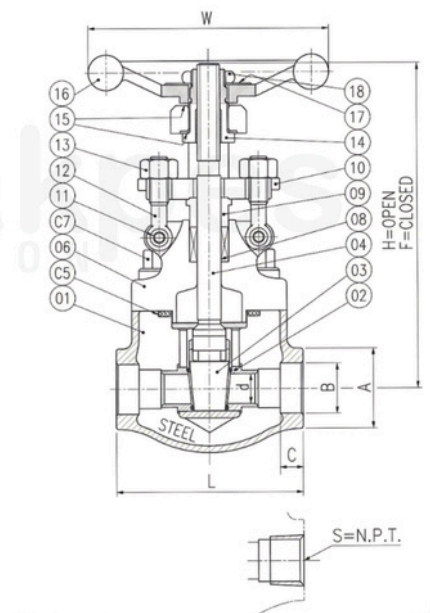
Shell (by Water) 3000psi
Seat (by Water) 2200psi
Seat (by Air) 60-100psi

Applicable Class 800 Standards:

- Steel Gate Valves API 602
- Steel Valves ANSI B16.34
- Screwed Ends ANSI B2.1
- Socket Weld Ends ANSI B16.11

Material Specifications:

Part No.	Part Name	Materials
1	Body	ASTM A105
2	Seat	ASTM A276-410+STL#6
3	Wedge	ASTM A276-420J2
4	Stem	ASTM A276-410
5	Bonnet Gasket	Asbestos or Grafoil
6	Bonnet	ASTM A105
7	Bonnet Bolt	ASTM A193-B7
8	Packing Ring	Asbestos or Grafoil
9	Gland	ASTM A276-410
10	Gland Flange	ASTM A181
11	Pin	ASTM A276-410
12	Gland Bolt	ASTM A193-B8
13	Gland Nut	ASTM A194-2H
14	Stem Nut	ASTM A276-410
15	Washer	ASTM A176-430
16	HandWheel	ASTM A536
17	Name Plate	ASTM A666-304
18	HandWheel Nut	ASTM A36



Dimensions:

Sizes		A	B		C	d	F	H	L	S	W	Wts. (kg)
A	B		ANSI	JIS								
(mm)	(in)											
15	1/2	34	21.7	22.2	9.6	12.7	143.1	160	79	1/2	102	1.8
20	3/4	40	27.1	27.7	12.7	12.7	143.1	160	92	3/4	102	2.0
25	1	48	33.9	34.5	12.7	17.5	167.3	190	111	1	121	3.6
40	1-1/2	65	48.7	49.1	12.7	28.6	217.5	252	120	1-1/2	146	7.5
50	2	80	61.1	61.1	15.9	36.5	237.3	280	140	2	178	9.0

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FAIRFORTUNE VALVES - UK