



PRESSURE BRAND FORGED STEEL GATE VALVE, CLASS-800 (STANDARD BORE)

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.

SUITABLE FOR

Water Oil

TEST PRESSURE :

- Shell (Hydrostatic) : 211kg cm²
- Seat & Back Seat(Hydrostatic) : 141
- Seat (Pneumatic) : 7kg cm²
- Maximum Working Temperature : 425°C



SIZES / DIMENSIONS

Size (Inches)	Size (mm)	A ±1.5	B	C ~	ØD ~	E	H
1/2	15	85	9.5	9	21.7	90	157
3/4	20	92	12.7	12.0	27.2	90	161
1	25	104	12.7	17.5	33.8	90	185
1 1/2	40	127	12.7	28	48.6	150	250
2	50	140	15	33	61.1	150	252

Notes : 1. Product images are for illustration purposes only. Actual product may vary.

2. Actual dimensions may change over time, due to continual design improvements. Please confirm before placing order

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Factory & Correspondence Address : 16, Ambica Industrial Estate, Nr. Vatva Railway Over Bridge, Vatva, Ahmedabad-382440, Gujarat, India.

Ph. : +91 8320479614, 6354226326 **E-mail :** info@pressurevalves.in, marketing@pressurevalves.in **Web :** www.pressurevalves.in

Approved by



MANUFACTURER OF INDUSTRIAL VALVES AND GEARS



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MATERIALS

P.No.	Name of Part	Material of Construction	Specification	Qty.
1	Body	Forged Carbon Steel/ Forged Alloy Steel/ Forged Stainless Steel	ASTM A 105/F11/F22 /F304/F316	1
2	Body Seat Ring	Stainless Steel	ASTM A276 Type 410 /304/316 / 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/ SS304/SS31/ 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/F11/F22 /F304/F316	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	---	
12	Eye Bolt	Stainless Steel	ASTM A276 Type 410 / ASTM A 182 Gr. F6a	1
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	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

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