

FORGED STEEL GATE VALVE (SCREWED END | SOCKETWELD END)

SIZES: DN15 TO DN50

CLASS 800



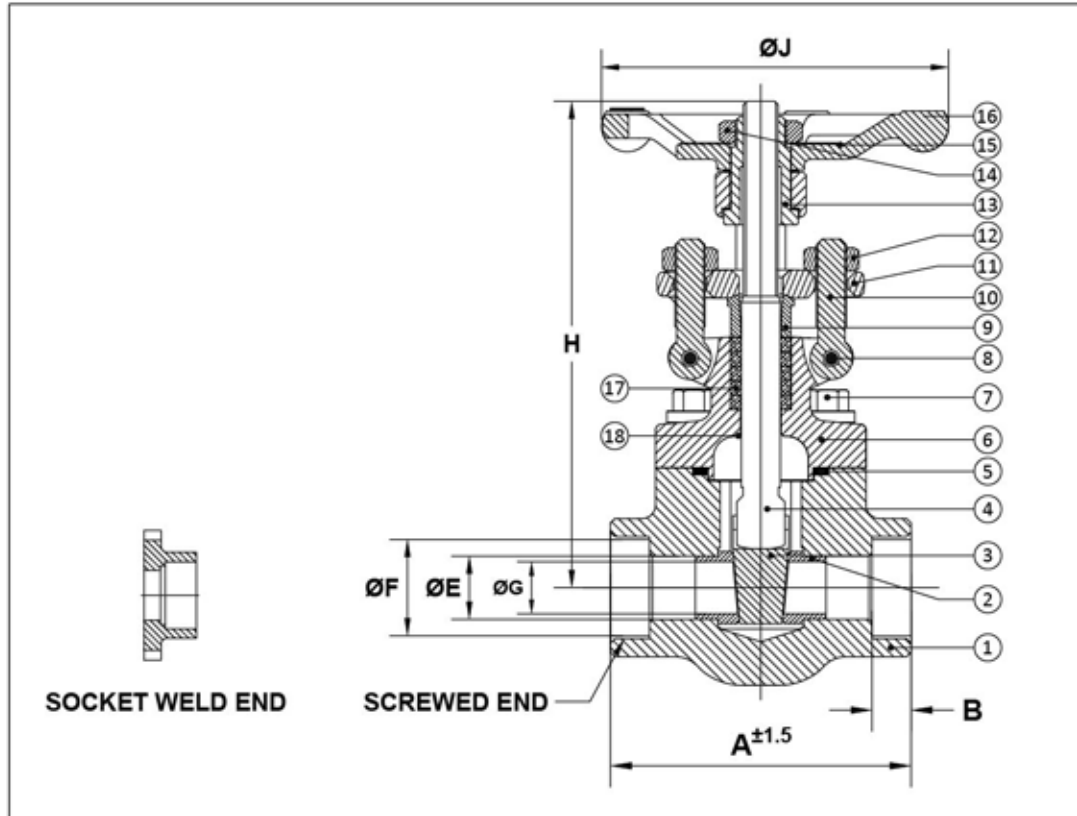
FEATURES

- Bolted Body-Bonnet Design, Outside Screw and Yoke Type, Rising Spindle construction.
- Body & Bonnet made from high quality forging. The Forgings are precision machined for high performance
- Sturdy design for high-pressure & temperature service.
- Bolted body-bonnet joints provided with spiral wound stainless steel gasket and graphite filler for maximum protection against leaks.
- Tapered shoulder on the stem for back seating.
- The gland, gland flange assembly utilizes a separate, two-piece design.
- This self-aligning design allows the flange to be unevenly tightened while the gland maintains its parallel alignment with the stem and stuffing box.
- The yoke sleeve is of forged stainless steel material having a high melting point and is resistant to wear and corrosion.
- Deep stuffing box is providing for tightness and maximum long packing life.
- Swinging Eye Bolts facilitate easy access to the stuffing box.
- Back seating feature facilitates repacking of the stuffing box on line with the valve in fully open position.
- Bi-Directional Shut-Off.
- Robust construction of hand wheel in open spoke design.
- Screwed NPT, BSP, BSPT and Socket Weld end connections are available.

ISO 9001:2015

BUREAU VERITAS
Certification





NO	DESCRIPTION	MATERIAL	QTY
1	BODY	A105 / F304 / F316 / F11 / F22	1
2	SEAT RING	AISI 304 / AISI 316 / 13% Cr. SS	2
3	WEDGE	AISI 304 / AISI 316 / 13% Cr. SS	1
4	STEM	AISI 304 / AISI 316 / AISI 410	1
5	GASKET	SPIRAL WOUND SS304 WITH CAF	1
6	BONNET	A105 / F304 / F316 / F11 / F22	1
7	HEX BOLT	ASTM A193 Gr.B7	4
8	EYE BOLT PIN	ASTM A276 Type SS410	2
9	GLAND BUSH	AISI 304 / AISI 316 / AISI 410	1
10	EYE BOLT	FORGED CS	2
11	GLAND FLANGE	ASTM A105	1
12	EYE BOLT NUT	FORGED CS	2
13	YOKE SLEEVE	AL. BRONZE / NI-RESIST	1
14	STEM NUT	CARBON STEEL	1
15	NAME PLATE	STAINLESS STEEL	1
16	HAND WHEEL	CAST IRON / CS	1
17	GLAND PACKING	SS METAL WIRE BRAIDED ASBESTOS	5
18	BACK SEAT	ASTM A105N INTEGRAL	---

SIZE		CLASS 800								
in.	mm	A	B	ØE	ØF	ØG	H	H1	DT	ØJ
½"	15	85	10	13	22	9	154	174	13	94
¾"	20	90	13	15	27.5	14	160	185	13	94
1"	25	105	13	22	34	18	168	198	15	98
1 ½"	40	128	13	36	48.6	32	231	274	25	142
2"	50	142	16	45	61.1	42	242	287	25	142

ALL DIMENSIONS ARE IN MM UNLESS OTHERWISE SPECIFIED

TEST PRESSURE	
BODY	SEAT
3000 PSIG	2000 PSIG
AIR TEST OF SEAT AT 100 PSIG	

TECHNICAL DATA :

MANUFACTURING STANDARD : API 602
 TESTING & INSPECTION STANDARD : API 598
 SOCKETWELD AND THREADED TO : ASME B16.11 / ASME B1.20.1
 FLANGE TO FLANGE DISTANCE : ASME B16.10

REGISTERED FACTORY AND OFFICE
ROYALTECH VALVES
 #B-492/B, 2ND GATE INDUSTRIAL ESTATE
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FOR FURTHER DETAILS, VISIT OUR WEBSITE

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