AV-302 Drop Forged Steel Gate Valve, Socket Welded Ends, Class-800

Features



Product Standard	API 602 / BS EN-15761
Testing Standard	API-598
Pressure / Class Rating	Class-800
Body Material Cum Standard	Forged Carbon Steel (ASTM A105)
Product Description	Standard Bore, Bolted Bonnet, Outside Screw & Yoke Type, Rising Stem with Backseat Arrangement, Handwheel Operated
Type of Seat	Renewable Seat
Type of Wedge	Solid Wedge
Trim	13% Cr. (SS 410)
End Details	Socket Welded Ends as per ASME B-16.11
Test Pressure	Body: 207 Bar (Hyd.), Seat & Back Seat: 152 Bar (Hyd.), Seat: 7 Bar (Air)
Max. Working Temperature	425°C

Notes

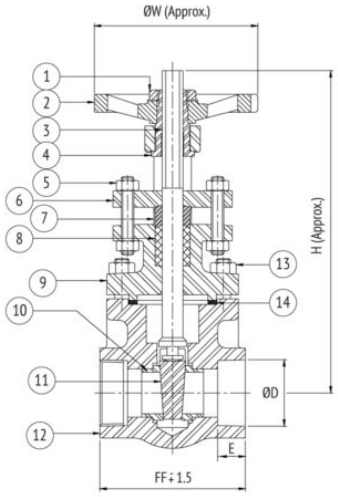
Test Certificate in Form III-C as per IBR is furnished with every supply.

Suitability

Water, Steam, Oil

Material Combination

S.No	Description	No.	Material	Specifications
1	Handwheel Retaining Nut	1	Carbon Steel	–
2	Handwheel	1	S.G.I.	–
3	Stem	1	Stainless Steel	ASTM A276 Type 410
4	Yoke Sleeve	1	Stainless Steel	ASTM A276 Type 410
5	Stud Bolts & Nuts	1	Alloy Steel / H.T. Steel	ASTM A193 Gr. B7 / ASTM A194 Gr. 2H
6	Gland Flange	1	Forged Carbon Steel / Carbon Steel	ASTM A 105 / –
7	Gland Follower	1	Stainless Steel	ASTM A276 Type 410
8	Gland Packing	1	Flexible Graphite	–
9	Bonnet	1	Forged Carbon Steel	ASTM A105
10	Body Seat Ring	1	Stainless Steel	ASTM A276 Type 410
11	Wedge	1	Stainless Steel	ASTM A182 Gr. F6a / ASTM A276 Type 410
12	Body	1	Forged Carbon Steel	ASTM A105
13	Stud Bolts & Nuts	1	Alloy Steel / H.T. Steel	ASTM A193 Gr. B7 / ASTM A194 Gr. 2H
14	Gasket	1	Spiral Wound S.S. 304 Graphite Filler	–



Dimensional Data

Size (mm)	FF	H	ØW	ØD	E
10	80	139	80	17.6 / 18.0	9.5
15	80	139	80	21.8 / 22.2	9.5
20	88	145	80	27.2 / 27.6	12.5
25	100	170	90	33.9 / 34.3	12.5
32	104	215	152	42.7 / 43.1	12.5
40	104	225	152	48.8 / 49.2	12.5
50	116	245	152	61.2 / 61.7	16

Atam Valves Private Limited
1051, Outside Industrial Area,
Jalandhar – 144004. Punjab. INDIA

https://www.atamvalves.in

Phone : +91 181 5001111
Fax: +91 181 2290611
Email : sales@atamfebi.com