AV-304 Drop Forged Steel Globe Valve, Socket Welded Ends, Class-800

IBR Approved

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 Disc	Renewable Disc
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

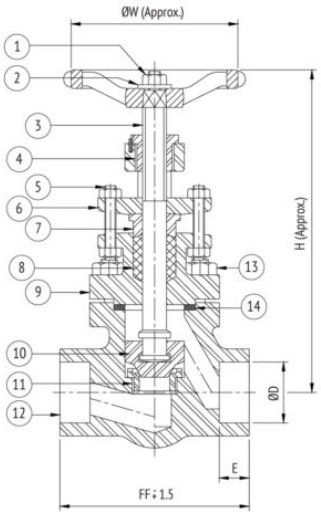
Test Certificate in Form III-C as per IBR is furnished with every supply.

Suitability

Water, Steam, Oil

Material Combination

S.No	Description	No.	Material
1	Handwheel Retaining Nut	1	Carbon Steel
2	Handwheel	1	S.G.Iron
3	Stem	1	Stainless Steel
4	Yoke Sleeve	1	Stainless Steel
5	Stud Bolts & Nuts	1	Alloy Steel / H.T. Steel
6	Gland Flange	1	Forged Carbon Steel / Carbon Steel
7	Gland Follower	1	Stainless Steel
8	Gland Packing	–	Flexible Graphite
9	Bonnet	1	Forged Carbon Steel
10	Disc	1	Stainless Steel
11	Body Seat Ring	1	Stainless Steel
12	Body	1	Forged Carbon Steel
13	Stud Bolts & Nuts	1	Alloy Steel / H.T. Steel
14	Gasket	1	Spiral Wound S.S. 304 Graphite Filler



Dimensional Data

Size (mm)	FF	H	ØW	ØD	E
10	80	140	80	17.6 / 18.0	9.5
15	80	148	80	21.8 / 22.2	9.5
20	88	152	80	27.2 / 27.6	12.5
25	100	172	90	33.9 / 34.3	12.5
32	140	240	152	42.7 / 43.1	12.5
40	140	240	152	48.8 / 49.2	12.5
50	170	273	152	61.2 / 61.7	16

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