

AV-308 F.C.S. (A105) Globe Valve, Class-1500

Features

Standard Bore, Bolted Bonnet, O/S & Yoke Type, Rising Stem, Renewable Plug Type Disc, SS Trim

Socket Welded Ends as per ASME B-16.11

Product Standard: API-602/EN-15761

Test Pressure

Body : 384 Bar (Hyd.)

Seat : 281 Bar (Hyd.)

Testing Standard : BSEN-12266-1

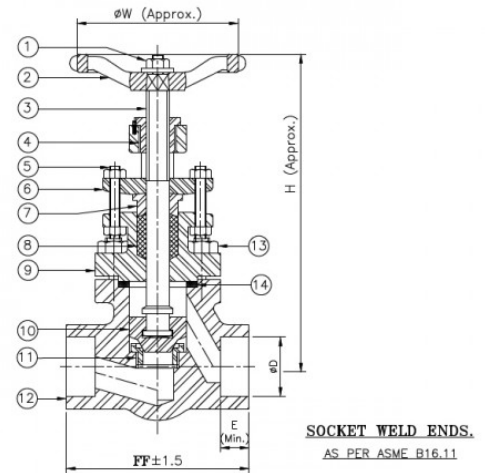
Suitability

Water, Steam, Oil



Material Combination

P.No.	Name of Part	Material	Specification
		A105	A105
1	Handwheel Retaining Nut	Carbon Steel	-
2	Handwheel	M.I.	ASTM A338
3	Stem	Stainless Steel	ASTM A276 TYPE 410
4	Yoke Bush	Stainless Steel	ASTM A276 TYPE 410/ ASTM A582 TYPE 416
5	Stud Bolts & Nuts	Alloy Steel/ H.T. Steel	ASTM A193 Gr.B7/ ASTM A194 Gr.2H
6	Gland Flange	Forged Carbon Steel	ASTM A105
7	Gland Follower	Stainless Steel	ASTM A276 TYPE 410
8	Gland Packing	Flexible Graphite	-
9	Bonnet	Forged Carbon Steel	ASTM A105
10	Disc	Stainless Steel	ASTM A182Gr. F6a/ ASTM A276 TYPE 410
11	Body Seat Ring	Stainless Steel	ASTM A182Gr. F6a/ ASTM A276 TYPE 410
12	Body	Forged Carbon Steel	ASTM A105
13	Stud Bolts & Nuts	Alloy Steel, H.T. Steel	ASTM A193 Gr.B7/ ASTM A194 Gr.2H
14	Gasket	Spiral Wound S.S. 304 Graphoil Filler	-



Dimensional Data

Nominal Size (mm)	FF ± 1.5	H	ϕW	ϕD	E (Min.)
15	100	170	90	21.8/22.2	9.5
20	145	235	152	27.2/27.6	12.5
25	145	242	152	33.9/34.3	12.5
32	170	280	152	42.7/43.1	12.5
40	170	287	152	48.8/49.2	12.5