

AV-313 F.C.S. Globe Valve, Flanged Ends, Class-600

Features

Standard Bore, Bolted Bonnet, O/S & Yoke Type, Rising Stem, Renewable Seat, Renewable Plug Type Disc, SS Trim
Flanges as per ASME B 16.5 CL-600 R.F. (Drilled)
Product Standard: API-602/EN-15761

Test Pressure

Body : 153 Bar (Hyd.)
Seat : 112 Bar (Hyd.)
Testing Standard : API-598/ BSEN-12266-1

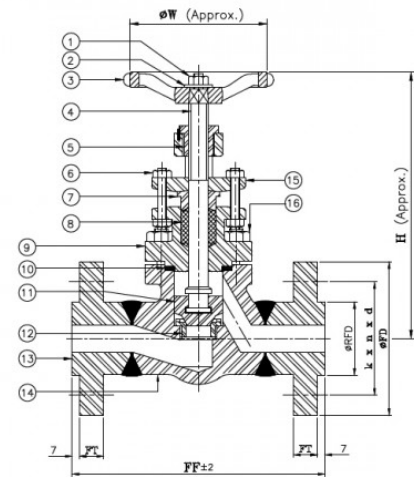
Suitability

Water, Steam, Oil



Material Combination

P.No.	Name of Part	Material	Specification
1	Nut	Carbon Steel	-
2	Washer	Carbon Steel	-
3	Handwheel	M.I. / D.I. / C.S.	-
4	Stem	Stainless Steel	ASTM A276 TYPE 410
5	Yoke Bush	Stainless Steel	ASTM A582 TYPE 416
6	Stud Bolts & Nut	Alloy Steel / H.T Steel	ASTM A193 Gr. B7 & ASTM A194 Gr. 2H
7	Gland Follower	Stainless Steel	ASTM A276 TYPE 410
8	Gland Packing	To Suit Service Conditions	-
9	Bonnet	Forged Carbon Steel	ASTM A105
10	Gasket	Spiral Wound SS 304 Graphoil	-
11	Disc	Stainless Steel	ASTM A182 Gr. F6a / AISI-410
12	Body Seat Ring	Stainless Steel	ASTM A182 Gr. F6a / AISI-410
13	Welded on Flanges	Forged Carbon Steel	ASTM A105
14	Body	Forged Carbon Steel	ASTM A105
15	Gland Flange	Forged Carbon Steel/ Carbon Steel	ASTM A105/ -
16	Studs and Nuts	Alloy Steel / H.T. Steel	ASTM A193 Gr. B7 & ASTM A194 Gr. 2H



Dimensional Data

Nominal Size (mm)	FF ±2	H	ØW	ØFD	FT	ØRFD	k	n	Ød
15	165	153	80	95	14.3	34.9	66.7	4	15.9
20	190	157	80	115	15.9	42.9	82.6	4	19.1
25	216	176	90	125	17.5	50.8	88.9	4	19.1
32	229	240	152	135	20.7	63.5	98.4	4	19.1
40	241	240	152	155	22.3	73	114.3	4	22.3
50	292	275	152	165	25.4	92.1	127	8	19.1

k - P.C.D; n - Number of Holes; Ød - Diameter of Holes