

AV-289A (WCB) C.C.S. Globe Valve, Class-300

Features

Bolted Bonnet, O/S & Yoke Type, Rising Stem, Renewable Seat, Solid or Flexible Wedge, SS Trim, Flanges as per ASME B16.5, Class-300 RF (Drilled)
Product Standard: BS-1873

Test Pressure

Body : 76 Bar (Hyd.)
Seat : 55 Bar (Hyd.)
Testing Standard: BSEN-12266 Part-1

Suitability

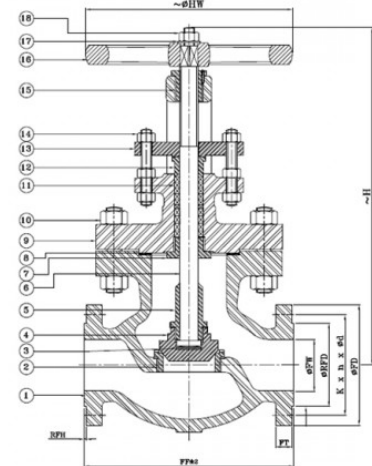
Water, Steam, Oil



Material Combination

P.No.	Name of Part	Material	Specification
1	Body	C.C.S	ASTM A216 Gr. WCB
2	Body Seat Ring	C.C.S/F.S.S.	ASTM A216 Gr. WCB + 13% Cr. Weld Deposite/ ASTM A182 Gr. F6a
3	Thrust Plate	Hardened Steel	
4	Disc	C.C.S./ S.S.	ASTM A216 Gr. WCB + 13% Cr. Weld Deposite/ ASTM A 276 TYPE 410
5	Disc Nut	S.S.	ASTM A 276 TYPE 410
6	Stem	S.S.	ASTM A 276 TYPE 410
7	Back Seat Bush	Stainless Steel	ASTM A276 TYPE 410
8	Gasket	Spiral Wound S.S. 304 Graphoil Filler With Inner Ring	-
9	Bonnet	C.C.S.	ASTM A 216 Gr. WCB
10	Studs & Nuts	Alloy Steel/ H.T Steel	ASTM A193 Gr. B7/ASTM A194 Gr. 2H
11	Gland Packing	Flexible Graphite	-
12	Gland Follower	Stainless Steel	ASTM A276 TYPE 410
13	Gland Flange	C.C.S./ C.S.	ASTM A216 Gr. WCB/ -
14	Gland Studs & Nuts	Alloy Steel/ H.T Steel	ASTM A193 Gr. B7/ASTM A194 Gr. 2H
15	Yoke Bush	Al. Bronze	BSEN 1982 Gr. CC331G
18	Handwheel	M.I./ D.I.	ASTM A338/ ASTM A536 Gr. 80-55-06
17	Washer	Carbon Steel	-
18	Nut for Handwheel	Carbon Steel	-

NOTE : 1. This item can be supplied in WC6, WC9 material also.



Dimensional Data

Nominal Size (mm)	FF ±2	FT	ØFW (Min.)	ØRFD	RFH	ØFD	K	n	Ød	ØHW	H
40	229	19.1	38	73	2	155	114.3	4	7/8"	215	310
50	267	20.7	51	92.1	2	165	127	8	3/4"	215	320
65	292	23.9	64	104.8	2	190	149.2	8	7/8"	254	408
80	318	27	76	127	2	210	168.3	8	7/8"	254	415

Nominal Size (mm)	FF ±2	FT	ØFW (Min.)	ØRFD	RFH	ØFD	K	n	Ød	ØHW	H
100	356	30.2	102	157.2	2	255	200	8	7/8"	350	430
125	400	33.4	127	185.7	2	280	235	8	7/8"	400	460
150	444	35	152	215.9	2	320	269.9	12	7/8"	450	490
200	559	39.7	203	269.9	2	380	330.2	12	1"	500	530

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