AV-278A Cast Carbon Steel Parallel Slide Blow Off Valve, Flanged Ends, Class-300 IBR Approved

Features

Body Material Cum Standard	Cast Carbon Steel (ASTM A216 Gr. WCB)
Product Description	Rack & Pinion Operated, Supplied with Operating Key
Type of Seat	Renewable Seat
Type of Disc	Renewable Disc
Trim	13% Cr. (SS 410) + Stellited Facing
End Details	Flanged Ends as per ASME B16.5 Class-300 Raised Face (Drilled)
Test Pressure	Body: 700 Psig (Hyd.)
Max. Working Pressure	350 Psig (Steam)
Max. Working Temperature	400°C



Notes

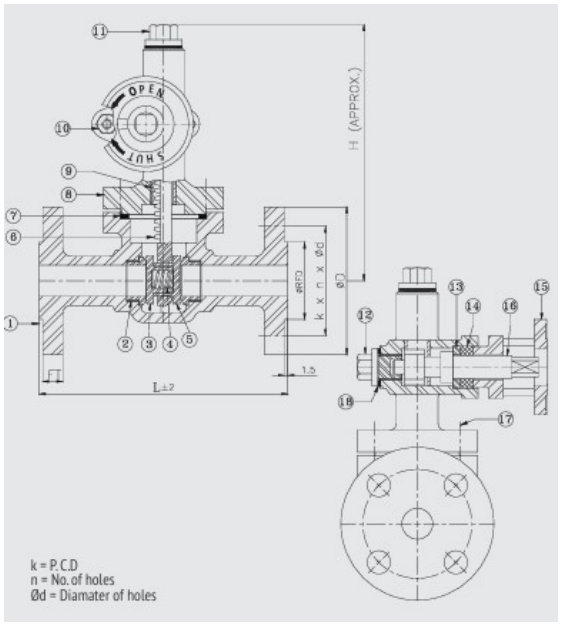
Test Certificate in Form III-C as per IBR is furnished with every supply.

Suitability

Water, Steam

Material Combination

S.No	Description	No.	Material	Specifications
1	Body	1	C.C.S	ASTM A 216 Gr. WCB
2	Body Seat Ring	2	Stainless Steel	AISI 410 + Stellited
3, 4	Female Disc, Male Disc	1	Stainless Steel	AISI 410 + Stellited
5	Spring	1	Carbon Steel	IBR 307
6	Gasket	1	SP, WD, SS 304 with Graphoil Filler	–
7, 15	Studs & Nuts	To Suit	Carbon Steel	–
8	Rack	1	S.S. / C.A.S.	AISI 410 / ASTM A 217 Gr. CA15
9	Pinion	1	S.S. / C.A.S.	AISI 410 / ASTM A 217 Gr. CA15
10, 14	Bush	1	Bronze	IBR 282 (a) Gr. B
11	Bonnet	1	C.C.S.	ASTM A 216 Gr. WCB
12, 16	Gasket	1	Non Asbestos	–
13	Plug	1	Stainless Steel	AISI 410
17	Stuffing Box	1	C.C.S.	ASTM A 216 Gr. WCB
18	Gland Packing	–	Graphoil	–
19	Studs & Nuts	2 Each	Carbon Steel	–
20	Gland Flange	1	C.C.S.	ASTM A 216 Gr. WCB



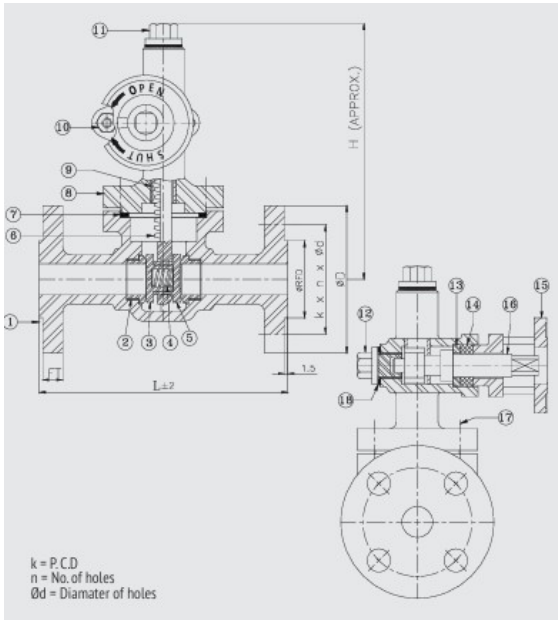
Dimensional Data

Size (mm)	L	H	ØD	FT	ØK	n	Ød	ØRFD
25	203	225	124	15.7	88.9	4	19.1	50.8
32	242	260	133	17.5	98.6	4	19.1	63.5
40	267	280	155	19	114.3	4	22.3	73
50	305	312	165	20.6	127	8	19.1	91.9
65	330	320	190	23.9	149.4	8	22.3	104.6

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