AV-287 Cast Carbon Steel Pilot Operated Pressure Reducing Valve, Flanged Ends

Features

Body Material Cum Standard	Cast Carbon Steel (ASTM A216 Gr. WCB)
Product Description	Pilot Operated, Outlet Pressure Range available 5/45, 40/125 Psig
Type of Seat	Renewable Seat
Trim	13% Cr. (SS 410) + Stellited Facing
End Details	Flanged Ends as per BS-10 Table-F Flat Face (Undrilled)
Test Pressure	Body: 300 Psig (Hyd.)
Max. Working Pressure	150 Psig (Steam)
Max. Working Temperature	425°C



Notes

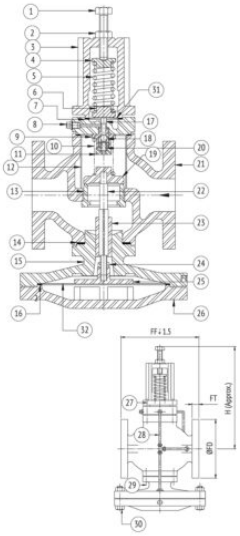
Test Certificate in Form III-C as per IBR is furnished with every supply.

Suitability

Steam

Material Combination

S.No	Description	No.	Material	Specifications
1,2	Adj. Screw / Locking Nut	1	Carbon Steel	–
3	Spring Housing	1	S.G.I.	EN 1563 Gr. GJS 400 15
4	Sprint Top Disc	1	Stainless Steel	AISI 304
5	Pressure Adjusting Screw	1	Spring Steel	IBR 307 to 314
6	Spring Bottom Disc	1	Stainless Steel	AISI 304
7	Gasket	1	C.A.F.	–
8	Side Plug	1	Carbon Steel	–
9	Pilot Valve Body	1	Stainless Steel	AISI 304
10	Main Valve Return Spring	1	Carbon Steel	IBR 307 to 314
11	PVSpring Ret. Check Nut	1	Stainless Steel	AISI 304
12	Strainer Screen	1	Stainless Steel	AISI 304
13	Main Valve Body Seat Ring	1		
14, 16	Gasket	1	C.A.F.	–
15	D Chamber Top Half	1	C.S.	IBR 73 to 80 Gr. A
17, 18	Pilot Valve Plunger / Ball	1	Stainless Steel	AISI 304
19	Main Valve Disc	1	Stainless Steel	AISI 410 + Stellite
20	Pilot Valve Spring	1	Stainless Steel	AISI 304
21	Main Valve Body	1		Cast Steel
22, 23	Valve Push Rod / G Sleeve	1	Stainless Steel	AISI 410
24, 25	P Rod Lock Nut / D. Disc	1	Stainless Steel	AISI 410
26	Main D. C Lower Half	1	Cast Steel	IBR 73 to 80 Gr. A
27, 29	Studs & Nuts	4 Each	Carbon Steel	–
28	Pipe Assembly –	–	–	–
30	Bolts & Nuts	To Suit	Carbon Steel	–
31, 32	Main Diaphragm / Pilot D	1	Stainless Steel	AISI 304



Dimensional Data

Size (mm)	FF	ØFD	FT	H
25	165	120.7	9.5	215
40	203	139.7	12.7	240
50	248	165.1	15.9	260

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