

## 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) + Stellite 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.

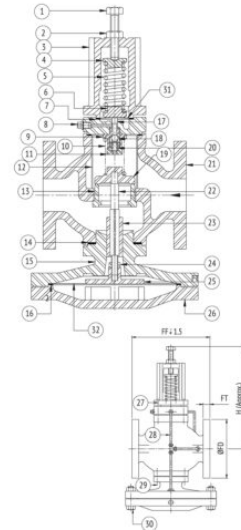
### Suitability

Steam



### Material Combination

S.No	Description	No.	Material
1,2	Adj. Screw / Locking Nut	1	Carbon Steel
3	Spring Housing	1	S.G.I.
4	Sprint Top Disc	1	Stainless Steel
5	Pressure Adjusting Screw	1	Spring Steel
6	Spring Bottom Disc	1	Stainless Steel
7	Gasket	1	C.A.F.
8	Side Plug	1	Carbon Steel
9	Pilot Valve Body	1	Stainless Steel
10	Main Valve Return Spring	1	Carbon Steel
11	PV Spring Ret. Check Nut	1	Stainless Steel
12	Strainer Screen	1	Stainless Steel
13	Main Valve Body Seat Ring	1	
14, 16	Gasket	1	C.A.F.
15	D Chamber Top Half	1	C.S.
17, 18	Pilot Valve Plunger / Ball	1	Stainless Steel
19	Main Valve Disc	1	Stainless Steel
20	Pilot Valve Spring	1	Stainless Steel
21	Main Valve Body	1	
22, 23	Valve Push Rod / G Sleeve	1	Stainless Steel
24, 25	P Rod Lock Nut / D. Disc	1	Stainless Steel
26	Main D. C Lower Half	1	Cast Steel
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



### 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