

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

13% Cr. (SS 410) + Stellited Facing Trim

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

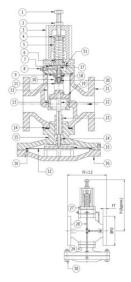
Test Certificate in Form III-C as per IBR is furnished with every supply.

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	PVSpring 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	Н
25	165	120.7	9.5	215
40	203	139.7	12.7	240
50	248	165.1	15.9	260