AV-263 Cast Iron Pilot Operated Pressure Reducing Valve, Flanged Ends

Features



Body Material Cum Standard	Cast Iron (IBR 86 to 93 Gr. A)
Product Description	Pilot Operated, Outlet Pressure Range available 5/45, 40/100, 90/125 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	220°C

Notes

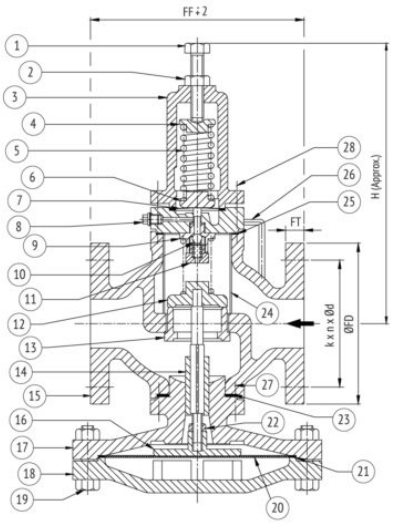
Test Certificate in Form III-C as per IBR is furnished with every supply.

Suitability

Steam

Material Combination

S.No	Description	No.	Material	Specifications
1,2	Adjusting Screw, Locking Nut	1	Carbon Steel	–
3	Spring Housing	1	S.G.I.	EN 1563 Gr. GJS-400-15
4, 6	Spring Top Disc, Spring Bottom Disc	1	Stainless Steel	AISI 410
5, 7	Pressure Adjusting Spring, Diaphragm	1	Stainless Steel	AISI 304
8	Side Plug	1	Stainless Steel	AISI 410
9, 10	Pilot Valve Body, Ball	1	Stainless Steel	AISI 304
11	Pilot Valve Spring Retaining Check Nut	1	Stainless Steel	AISI 304
12, 13	Main Valve Disc, Body Seat Ring	1	Stainless Steel	AISI 410 + Stellite
14	Push Rod Guide Sleeve	1	Stainless Steel	AISI 410
15	Main Valve Body	1	Cast Iron	IBR 86 to 93 Gr.A
16	Main Diaphragm Disc	1	G.M. / S.S.	IBR 282 (a) (iv) Gr. B / AISI 410
17, 18	Half Upper Cover, Half Lower Cover	1	Cast Iron	IBR 86 to 93 Gr.A
19	Bolts & Nuts	To Suit	Carbon Steel	–
20	Diaphragm	1	Stainless Steel	AISI 304
21, 23	Gasket	1	C.A.F.	–
22	Push Rod Lock Nut	1	Stainless Steel	AISI 410
24	Strainer Screen	1	Stainless Steel	AISI 304
25	Gasket	1	C.A.F.	–
26	By Pass Assy.	–	–	–
27, 28	Studs & Nuts	To Suit	Carbon Steel	–



Dimensional Data

Size (mm)	FF	H	ØFD	FT	k	n	Ød
25	165	215	120.7	12.7	87.3	4	17.5
40	203	245	139.7	15.9	104.8	4	17.5
50	248	295	165.1	19.1	127	4	17.5

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