

AV-263 Cast Iron Pilot Operated Pressure Reducing Valve

Features

With Stainless Steel working part, Renewable Seat
Flanged Ends as per BS-10, Table F

Test Pressure

Body : 300 Psig (Hyd.)
Max working pressure : 150 Psig (Steam)
Max. working temp. : 220°C

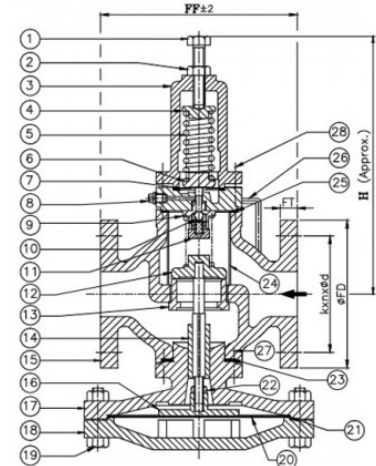
Suitability

Steam



Material Combination

P.No.	Name of Part	Material	Specification
1	Adjusting Screw	Carbon Steel	-
2	Locking Nut	Carbon Steel	-
3	Spring Housing	S.G.I.	EN 1563 Gr. GJS - 400-15
4	Spring Top Disc	Stainless Steel	AISI 410
5	Pressure Adjusting Spring	Stainless Steel	AISI 304
6	Spring Bottom Disc	Stainless Steel	AISI 410
7	Diaphragm	Stainless Steel	AISI 304
8	Side Plug	Stainless Steel	AISI 410
9	Pilot Value Body	Stainless Steel	AISI 304
10	Ball	Stainless Steel	AISI 304
11	Pilot Valve Spring Retaining Check Nut	Stainless Steel	AISI 304
12	Main Valve Disc	Stainless Steel	AISI 410 + STELLITE
13	Body Seat Ring	Stainless Steel	AISI 410 + STELLITE
14	Push Rod Guide Sleeve	Stainless Steel	AISI 410
15	Main Valve Body	Cast Iron	IBR 86 TO 93 Gr. A
16	Main Diaphragm Disc	Gun Metal / Stainless Steel	IBR 282 (a) (iv) Gr.B / AISI 410
17	Half Upper Cover	Cast Iron	IBR 86 TO 93 Gr. A
18	Half Lower Cover	Cast Iron	IBR 86 TO 93 Gr. A
19	Bolts & Nuts	Carbon Steel	-
20	Diaphragm	Stainless Steel	AISI 304
21	Gasket	C.A.F.	IS 2712
22	Push Rod Lock Nut	Stainless Steel	AISI 410
23	Gasket	C.A.F.	IS 2712
24	Strainer Screen	Stainless Steel	AISI 304
25	Gasket	C.A.F.	-
26	By Pass Assy.	-	-
27	Studs & Nuts	Carbon Steel	-
28	Studs & Nuts	Carbon Steel	-



Dimensional Data

Nominal Size (mm)	FF ±2	H	ØFD	FT	k	n	Ød
25	165	215	120.7	12.7	87.3	4	17.5

Nominal Size (mm)	FF ±2	H	ØFD	FT	k	n	Ød
40	203	245	139.7	15.9	104.8	4	17.5
50	248	295	165.1	19.1	127	4	17.5

k - P.C.D; n - Number of Holes; Ød - Diameter of Holes