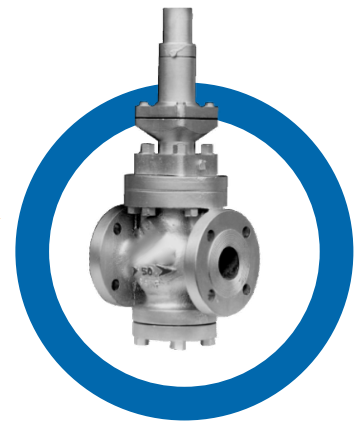
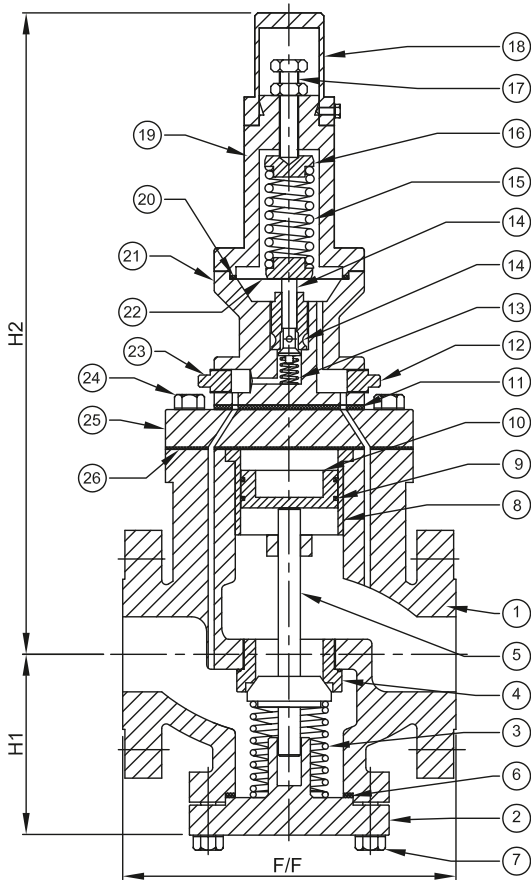


DESIGN STD :-

- Cast steel pilot operated PRV suitable for steam, air and proceed gas
- Size : 25NB to 100NB
- Flanged connection : ANSI 150#
- Available on request : BS 10 Table H
- Maximum working pressure : 10.54 Kg/cm² at 180 °C
- Body cold hydraulic test pressure : 32 Kg/cm²
- Soft sealing for compressed air and industrial gas. Maximum temperature 120 °C



PILOT OPERATED PRESSURE REDUCING VALVE



Materials

Part no.	Part Name	Material	Standard
1	Body	Cast steel	ASTM A 216 WCB
2	Bottom plate	Cast steel	ASTM A 216 WCB
3	Return spring	Spring steel	IS 4454 Part IV Gr.1
4	Seat	SS Type 304	ASTM A 276
5	Main plug	SS Type 304	ASTM A 276
6	Bo. plate gasket	Graphite	
7	Stud nut	Carbon steel	H.T. IS 1367 Gr. 8.8, Gr. 8
8	Sleeve	SS Type 304	ASTM A 351 CF8
9	Piston ring	Hard chrome iron	
10	Piston	SS Type 304	ASTM A 276
11	To. plate gasket	Graphite	
12	BP Port plug	Carbon steel	ASTM A 105
13	Pil. valve spring	Spring steel	IS 4454 Part IV Gr.1
14	Pilot valve	SS Type 304	ASTM A 276
15	Adjusting spring	Spring steel	IS 4454 Part IV Gr.1
16	Spring washer	SS Type 304	ASTM A 276
17	Adjusting screw	Carbon steel	H.T. IS 1367 Gr. 8.8, Gr. 8
18	Cap	Cast steel	ASTM A 216 WCB
19	Spring housing	Cast steel	ASTM A 216 WCB
20	Pilot hou.gasket	Graphite	
21	Pilot housing	Cast steel	ASTM A 216 WCB
22	Diaphragm	SS Type 304	ASTM A 240
23	HP Port plug	Carbon steel	ASTM A 105
24	Stud nut	Carbon steel	H.T. IS 1367 Gr. 8.8, Gr. 8
25	Top plate	Cast steel	ASTM A 216 WCB
26	Body gasket	Graphite	

Dimensions Class 150 / Table H

Valve size (NB)	25	40	50	80	100
FACE TO FACE	200	208	220	320	363
H1	90	120	140	165	160
H2	365	400	425	445	480

ORDERING INFORMATION

- Operating medium
- Medium state - Gas
- Molecular weight - Gas - density
- Set pressure
- Discharge temperature
- Discharge Flow rate
- Inlet size and rating
- Pipe / Vessel material
- Valve outlet connection details