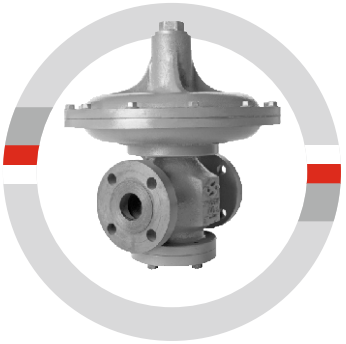
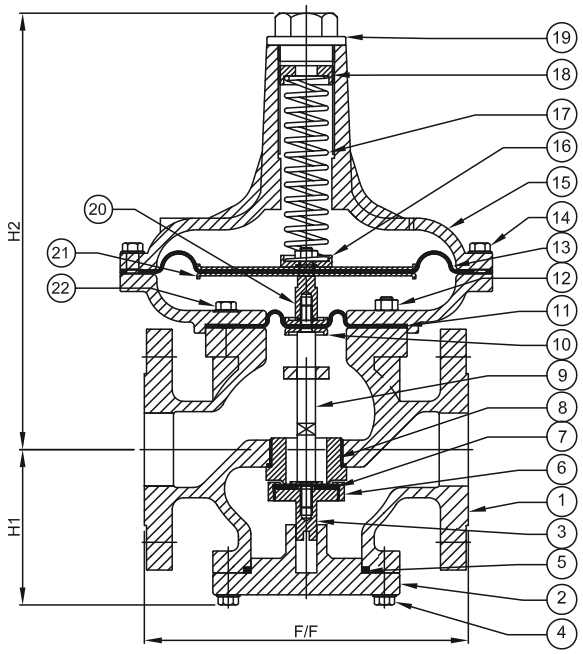
BACK PRESSURE REGULATOR





Materials		
Part no.	Part Name	Material
1	Body	IS 210 Gr. 220
2	Tail piece	IS 210 Gr. 220
3	Plug	ASTM A 276 Type SS-304
4	Tail piece bolt	MS (Zinc plated)
5	Tail piece o ring	EPDM / Nitrile / Viton
6	Plug nut	ASTM A 276 Type SS-304
7	Plug seat	EPDM / Nitrile / Viton
8	Seat	ASTM A 276 Type SS-304
9	Stem	ASTM A 276 Type SS-304
10	Diaphragm washer	ASTM A 276 Type SS-304
11	Main diaphragm	EPDM / Nitrile / Viton
12	Back pressure nozzle	ASTM A 276 Type SS-304
13	Balancing diaphragm	EPDM / Nitrile / Viton
14	Dom bolt	MS (Zinc plated)
15	Dom	IS 210 Gr. 220
16	Spring washer	ASTM A 276 Type SS-304
17	Spring	Spring steel
18	Setting nut	Gun metal
19	Cap	Aluminum
20	Connector	ASTM A 276 Type SS-304
21	Diaphragm plate	MS (Zinc plated)
22	Bowl bolt	MS (Zinc plated)

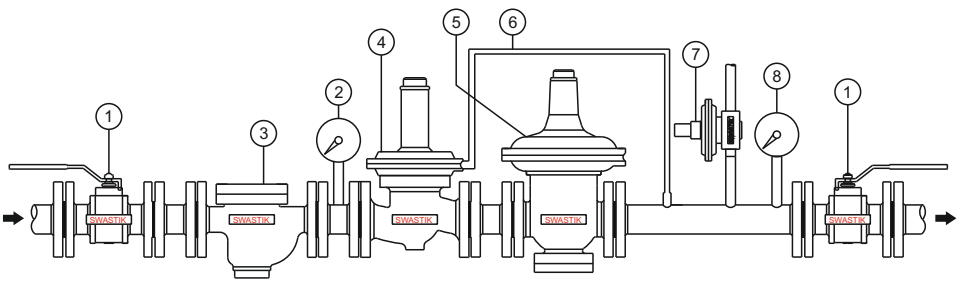
Design

- End connection ASME B 16.5 / DIN2501 / BS 10
- Body hydro test pressure 32 Kg/cm2
- Maximum inlet pressure 12 Kg/cm2
- Outlet pressure rang 0.01 to 08 Kg/cm2

Dimensions					
Valve size (NB)	25	40	50	80	100
Face to Face	200	207	222	275	310
H1	80	117	108	140	162
H2	273	308	296	375	330

GAS SKID LAYOUT

Sr.	Description
01	Ball valve isolator
02	Inlet pressure gauge
03	Gas filter
04	Safety shut off valve
05	Gas regulator
06	Impulse line to safety shut off valve
07	Safety relief valve
08	Outlet pressure gauge



Gas Skid Are Available For Various Gaseous Applications

Skids are prefabricated pressure-reducing stations designed to the customer's specifications, then built to order and include a range of products from our brands such as regulators, manual isolation valves, and piping