

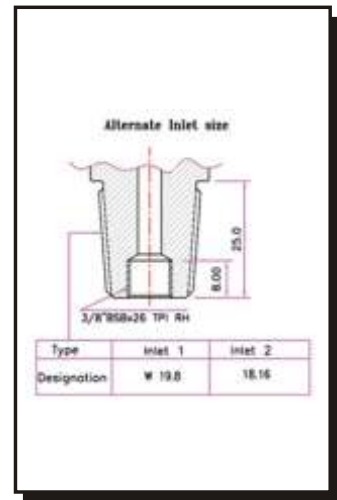
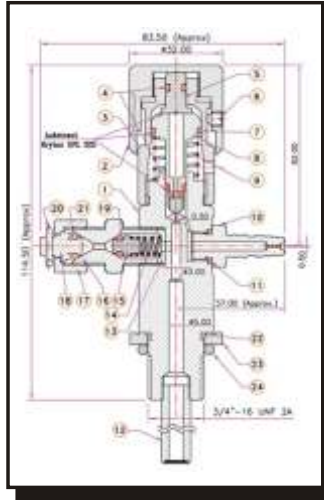
Valves for Breathing Apparatus

Pressure reducer valves

Product Features

- The valve is designed to convert cylinder pressure into breathable air pressure at constant flow rate.
- Valve flow around 20-26 liter per minute and outlet pressure 4.5-5.5 bar for input cylinder pressure 20 to 200 bar.
- Intricate design and precision machining of small parts ensure smooth valve movement and leak proof joints at NRV charging port, valve seat and gland nut.
- Valve approved by PESO (Nagpur) and supplied under Lloyd's Inspection).

Series : PRV-07



Material of Construction

Item No.	Description	Materials
1	Body	High tensile brass CuZn40Mn1Pb1FeSn to EN 12164
2	Knob	Aluminium/Brass
3	Valve housing	Brass to IS:319 (Grade-I)
4	'O' ring	EPDM
5	Adjusting stopper	Black nylon Gr. 6
6	Grub screw	Steel
7	'O' ring	EPDM
8	Valve with Nylon tip	Brass to IS:319 (Grade-I)
9	Spring	Stainless steel
10	Outlet nipple	Brass to IS:319 (Grade-I)
11	'O' ring	EPDM
12	Dip tube with SS net	Brass to IS:319 (Grade-I)
13	Nylon Spring center	Nylin 66
14	Spring	Stainless steel
15	Self sealing valve	Brass to IS:319 (Grade-I)
16	N.R.V. valve	
17	Seal nut	
18	Seal plug	EPDM
19	'O' ring	
20	Split pin	Stainless steel
21	'O' ring	EPDM
22	Flange 'O' ring	Only for 3/4"-16 UNF Inlet Viton Free cutting brass is :319 (Grade-I)
23	Flange ring	
24	Inlet 'O' ring	

Service Chart

Gas service	Working pressure	Charging side connection	Outlet size	Inlet size	Gauge connection
Air	150-207 kgf/cm ²	G1/4 RH (19 tpi) internal on body connected to non return valve having G 1/4A filling port	1/8 BSP X 28 tpi connected to discharge nozzle	1/2 -14 NGT 18.16 mm 19.8 mm (17 E) 3/4" - 16 UNF	1/8 BSP X 28 tpi Internal or as per buyer's requirement
Oxygen					