

Series DRVN

Patented Diaphragm Pressure Reducing Valve

Size: DN10-DN25

The DRVN Series pressure reducing valves are devices capable of reducing the pressure of the fluid downstream to the desired level and keeping it constant even in the presence of major variations in the flow rate and/or pressure upstream, by modifying its pressure drops.

Features

- Patented Diaphragm PRV
- Stainless steel integral strainer
- Pressure gauge connection on both sides: 1/4"
- Materials in contact with fluids KTW certified
- Noise < 20 dB
- Unions are included

Pressure-Temperature

- Nominal Pressure: PN25
- Temperature Range: 0°C~30°C

Test Pressure

Pneumatic

12 bar

Typical Application

- Sanitary systems
- Compressed air systems
- Downstream of storage tanks or cylinders

Material

NO.	Component	Material	Standard
1	Body	Send blasted	CW617N
2	Cap	Reinforced polymer	
3	Adjustment knob		
4	Setting screw	Brass	CW617N
5	Spring	Galvanized steel	
6	Diaphragm	NBR reinforced with nylon fabric compliant with KTW and W270-KTW	
7	Inlet connection	Brass	CW617N
8	Pin		
9	Plug	Brass	CW617N
10	Filters	Stainless steel	
11	Outlet connection	Brass	CW617N

Installation Dimensions

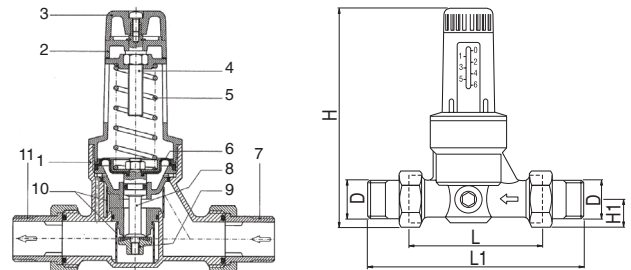
DN	L	L1	H	H1	Weight (kg)
1/2"	84	135	113	16.5	0.6
3/4"	94	151	133	20.5	0.9
1"	104	161	140	26	1.3
1.1/4"	109	175	192	29.5	2.1
1.1/2"	134	214	200	36	3.4
2"	144	224	205	42	4.2



Specification

- Design Standard: EN1567
- Connection Standard: DIN-ISO 228/1
- Connection Type: Male x Male
- Pressure Reducing Range: 1.5 to 6 bar
- Pressure drop less than 1.3 bar at characteristic flow rate
- Available option with M3A-ABS50 pressure gauge, Model DRVMN
- Medium: water, air and neutral gases

Approval



Characteristic Curve

