

DRV 624

Industrial piston pressure regulator flange connection

High pressure (PN25 / 4.0 - 12 bar)

Characteristics

Form pressure range min. 5.0 bar, max. 25 bar (PN25)

Outlet pressure range 4.0 - 12 bar (adjustable)

Max. Media temperature 75 ° C (optionally up to 200 ° C)

Piston pressure reducer

Admission pressure compensation

Integrated dirt trap (stainless steel)

Housing made of corrosion-resistant gunmetal

Flanges according to DIN EN 1092-3 PN16

Overall lengths in accordance with DIN EN 558-1

Compliant with Pressure Equipment Directive 97/23 / EG (CE)

Area of application / media

In the standard version, the pressure reducers are preferably used to reduce the pressure of water and other neutral ones, not

adhesive liquids used. But they can also be used for compressed air, nitrogen and other neutral, non-flammable gases use when particularly high flow rates are required. The maximum permissible media temperature is 75 ° C. The

Valves are not suitable for steam!

On request, most of the valves can also be specially equipped for drinking water, cold, warm, and hot water, sea water, Diluted acids and alkalis, oils, fuels, liquid foods, adhesives, foams, gases, compressed air, and much more are supplied. Designs for media temperatures of up to 200 ° C are also possible. We would be happy to advise you on these options: please ask.

execution

The pressure reducers have an inlet pressure compensation (fluctuations in the inlet pressure do not affect the outlet pressure). All

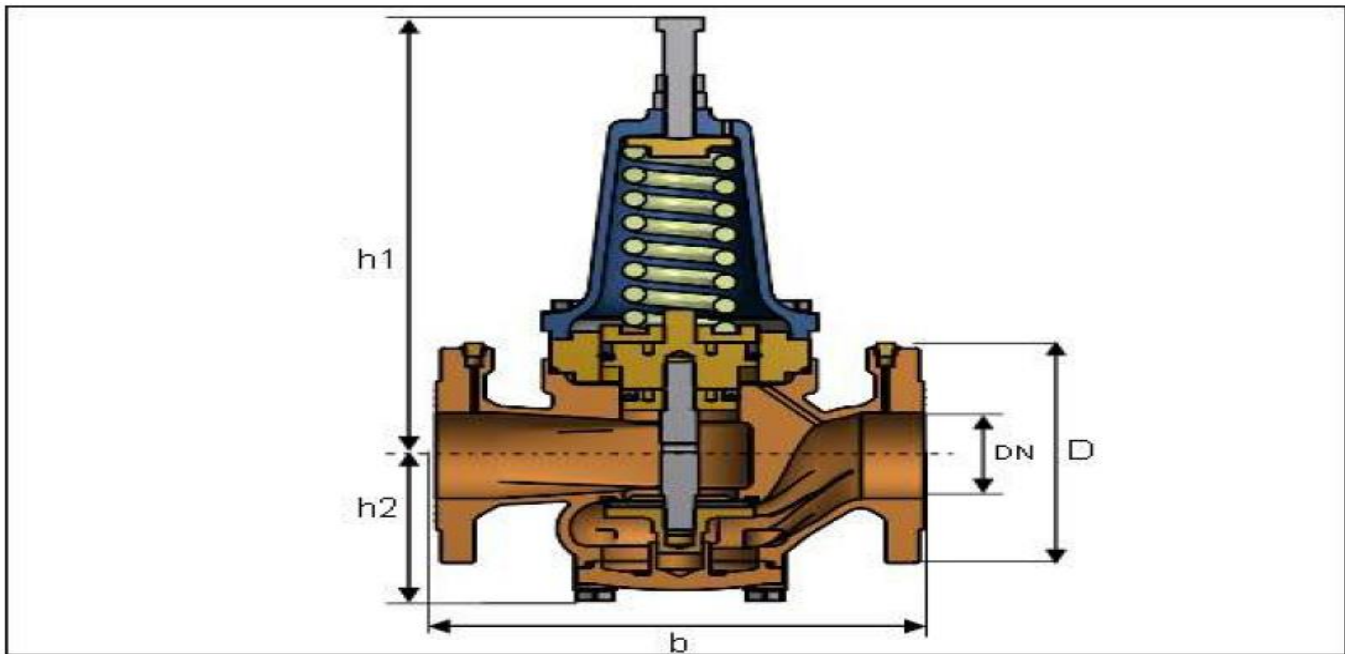
Valves have pressure gauge connections on both sides (for outlet pressure, G1 / 2 "), the size DN80 has additional ones Pressure gauge connections for upstream and downstream pressure (G1 / 4 "). The media connections have flanges according to DIN EN 1092-3 PN25, the

The overall lengths of the fittings correspond to DIN EN 558-1.

materials

Housing made of gunmetal, spring hood made of gray cast iron with protective coating. Pistons made of brass, seals made of NBR, internal parts made of

Gunmetal, brass, and stainless steel. In the standard version (without options), all wetted materials are for drinking water suitable.



Technical specifications:

Nominal size	DN 80	DN 100
Flange D / mm	200	220
Measure b / mm	310	350
Measure h1 / mm	409	465
Measure h2 / mm	136	135
kvs value / m³ / h	60.0	80.0
Weight / kg	44.3	47.0

Materials

casing

Gunmetal G-CuSn5ZnPb

Spring bonnet

Gray cast iron GG-20 (with protective coating)

Control piston

Brass (others optional on request)

Seals

NBR (others optional on request)

Interior parts

Gunmetal, brass, stainless steel (others optional on request)