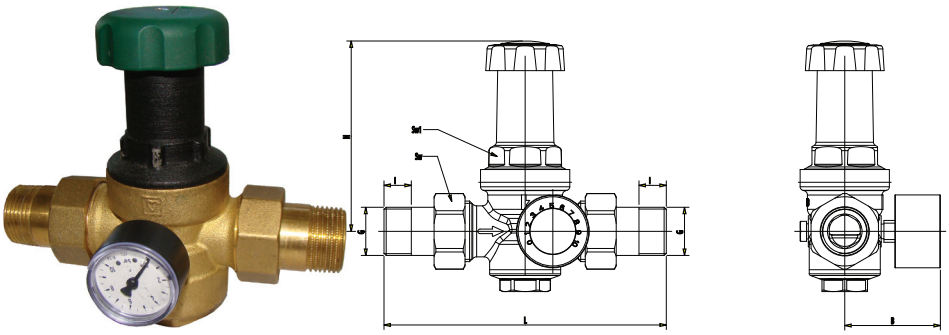
Diaphragm Pressure Reducer

Datasheet
2682
Issue 0607



Dimensions

Model	Dimension	PN	DN	G	L	H	A	B	Sw
1 2682 01	1/2"(DN15)	16	15	1/2"	155	106	60	52	37
1 2682 02	3/4"(DN20)	16	20	3/4"	155	106	60	52	37

Construction

Body:	pressed brass acc. EN 12420
Diaphragm:	EPDM
Spring:	spring steel (Zn plated)
Tail seal:	klingerit
Round handle:	PA, green colour
Manometer:	working pressure up to 10 bar
Handle:	steel with plastic cover

Specification

Connections:	Male thread acc. ISO7-1
Maximum inlet pressure:	16 bar
Outlet pressure range:	1-6 bar
Maximum temperature:	70°C

Assembly and maintenance

In potable water installations - the pressure reducing valve is mounted behind the water meter between two valves.
Herz recommend the use of spinning material, teflon ribbon-sealing paste to seal the connection between the pipe and pressure reducing valve tail piece. Flow direction (from higher pressure in input to outlet) is indicated on body with an arrow. It must be respected when fitting the Pressure reducing valve on installation. Outlet pressure is preset to 3 bar at inlet pressure 4 bar. Turning the handle clock wise increases the outlet pressure. Adjusted outlet pressure is indicated on the pressure gauge which is screwed on the front of the body.

We recommend the maximum outlet pressure 4 bar for private house installations (products long life, costs). The pressure reducing valve doesn't need any special maintenance. Herz recommend installing a strainer with mesh max. 0.5mm in front of the pressure reduc ing valve.

HERZ Armaturen
Richard-Straße 22, A-1230 Wien
e-mail: office@herz-armaturen.com • www.herz-armaturen.com

Application

The pressure reducing valve can be used in installations for water, potable water, other non-aggressive fluids, compressed air and nitrogen.

It can also be used in heating systems to protect boilers against increased pressure. The pressure reducing valve protects installations against over pressur isation from the supply (reduces input pressure to a working level).

Lower outlet pressure means reduced water consumption (cost effective). An adjusted operating pressure up to 4 bar is usually sufficient enough for use.

HERZ Armaturen
Richard-Straße 22, A-1230 Wien
e-mail: office@herz-armaturen.com • www.herz-armaturen.com