

Pressure reducing valve thread type DM09



Description:

Pressure reducing valves are used to regulate the supply pressure in a system, to compensate for different inlet pressures to a certain pressure in the outlet side.

Features:

- **suitable for drinking water**
- DVGW tested and certified sound protection
- manometer connection G 1/4" inch
- mounting position: any, preferably spring bonnet vertical

Connection:

1/2", 3/4", 1", 1 1/4", 1 1/2", 2"

Subject to PED DIN EN 1567

Temperature:

-20°C to +30°C

Pressure:

Inlet pressure: to 16,0 bar

Outlet pressure: 1,5 bar - 6,0 bar

Design:

Diaphragm-pressure reducing valve

Body:

Brass MS58

Spring bonnet:

Fibre-reinforced plastic

Spring:

Galvanized steel

Diaphragm:

NBR

Seal:

NBR

Filter:

Stainless steel

Connection:

male screw threaded

Approval:

DVGW drinking water

DN15-DN32 certified sound protection category I

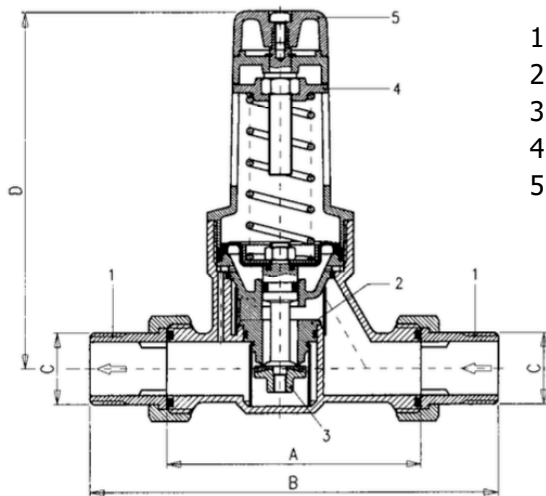
Temperature:

-20°C to +30°C / not suitable for steam!

Pressure gauge connection:

1 connection axial G 1/4" inch on

Dimensions:



designation:

1. connection
2. seat
3. disk holder
4. spring guide
5. setting knob

Diameter DN	15	20	25	32	40	50
A in mm	84	94	104	109	134	144
B in mm	135	151	161	175	214	224
C	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
D in mm	113	133	140	192	200	205
Kv-value m ³ /h	1,7	2,5	6,0	9,9	13,8	18,0
weight kg	0,63	0,93	1,35	2,18	3,20	4,00

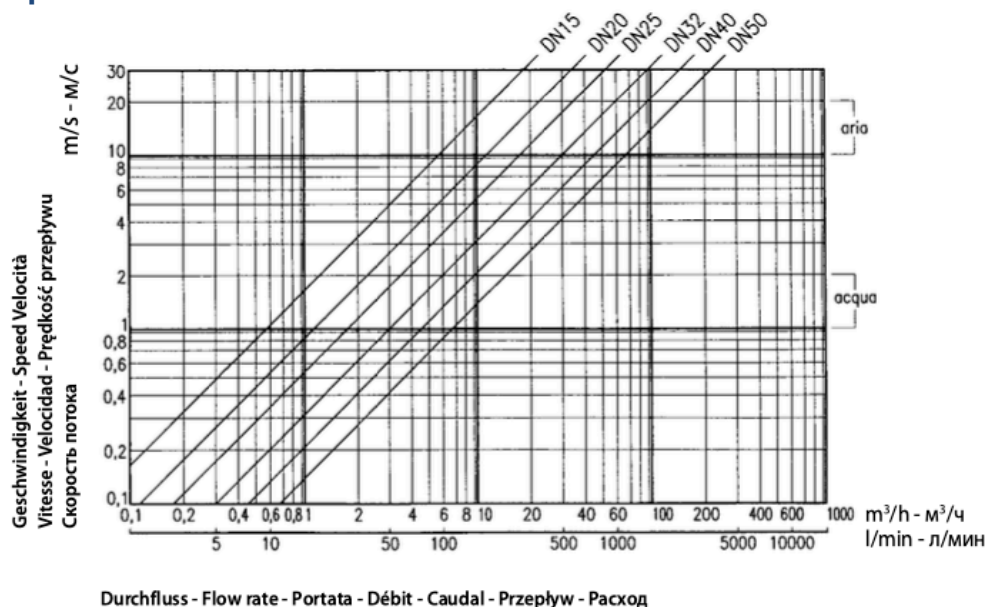
Adjustment:

The outlet pressure is set using the rotary cap on the spring cap at zero consumption which means that all taps are closed. The outlet pressure is set using a rotary knob. Turning to the right (+) increases the outlet pressure and turning to the left (-) decreases it. The set pressure is displayed on the scale.

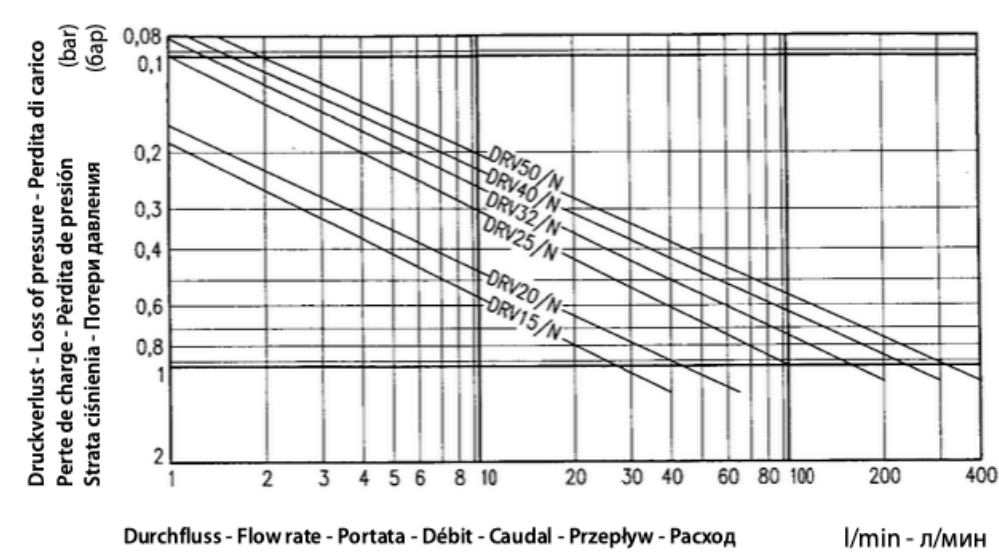
Installation:

Installation in horizontal pipes with a vertical spring cover is preferable. To ensure proper functioning, a filter should be installed upstream of the pressure reducer. The pressure reducing valve should be installed tension-free and with a calming section of 5 x DN on the outlet side. Local installation regulations and general guidelines (DIN, DVGW) must be observed.

Speed:



Loss of pressure:



Article number:

Type	Outlet pressure	Connection	Size
DM09	00 – 1,5 up to 6,0 bar	00 – male thread	03 – 1/2" 04 – 3/4" 05 – 1" 06 – 1 1/4" 07 – 1 1/2" 08 – 2"

Example No. DM09000007:
DM09 | 00

| 00 | 07

Pressure reducing valve made of gunmetal
Outlet pressure: 1,5 up to 6,0 bar
Connection: male thread
Size: 1 1/2"

Image similar, subject change without notice.