

pressure reducing valve made of stainless steel type DM15



description:

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

product features:

- suitable for **liquid & gaseous, not adhesive media**
- industrial design
- with piston, seal & supporting ring
- **manometer connection G 1/4" inch axial**
- pressure adjustment about not rising spindle
- installation possible in any position

Connection:

1/4", 3/8", 1/2", 3/4", 1", 1 1/2", 2" inch

Temperature:

-40°C up to +120°C

Pressure:

inlet pressure: up to 60,0 bar
outlet pressure: 0,5 bar – 50,0 bar

design:

piston-pressure reducing valve

body material:

stainless steel 1.4408

seal:

FKM / -10°C up to +120°C

EPDM / -40°C up to +120°C

internals:

stainless steel 1.4404

spring:

stainless steel 1.4568

assembly position:

any position

inlet pressure:

Up to 60,0 bar

outlet pressure:

Type 0: 5-30 bar

Type 1: 10-50 bar

Type 2: 0,5-15 bar (membrane-design with secondary venting*)

Attention: Type 2 only suitable for neutral gases

(e.g. compressed air)!

Type 3: 0,5-15 bar (membrane-design without secondary venting)

connection:

female thread acc. DIN EN ISO 228 BSP-P

option:

Wall holder for mounting

* What is secondary ventilation and what is it used for?

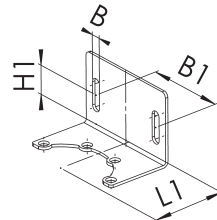
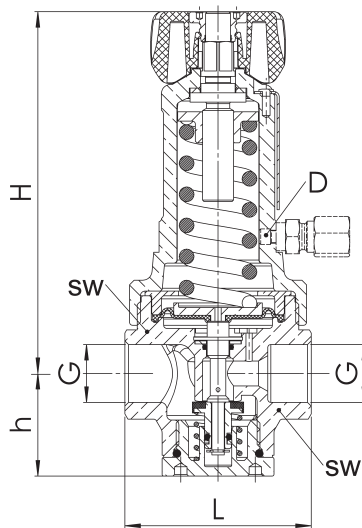
The secondary venting is an additional hole, usually in the spring cover of the pressure reducer.

In the case of pressure reducers with secondary venting, the outlet pressure can also be reduced with zero consumption, i.e. with the consumer closed.

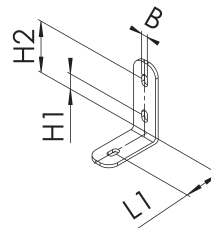
When the pressure is reduced, the medium escapes through the said hole to the outside. It is therefore advisable to use pressure reducers with secondary ventilation only with neutral gases such as compressed air.

dimensions:

diameter	DN	8	10	15	20	25	40	50
connection	inch	1/4"	3/8"	1/2"	3/4"	1"	1 1/2"	2"
inlet pressure	bar	60	60	60	60	60	60	60
outlet pressure Type 0	bar	5-30	5-30	5-30	5-30	5-30	5-30	5-30
outlet pressure Type 1	bar	10-50	10-50	10-50	10-50	10-50	10-50	10-50
outlet pressure Type 2 / 3	bar	0,5-15	0,5-15	0,5-15	0,5-15	0,5-15	0,5-15	0,5-15
Body-dimensions in mm	L	68	68	60	78	102	136	136
	H	120	120	120	180	215	260	270
	h	33	33	33	40	56	63	70
	SW	26	26	26	32	44	58	70
holder (option)	L1	38	38	38	51	61	85	85
	H1/H2	18/62	18/62	18/62	18/58	22/80	15	15
	B/B1	5,5	5,5	5,5	6,5	8,5	10,5/90	10,5/90
KVS-value	m3/h	1,6	1,6	1,6	3,4	5,5	12,7	12,7
Acc. DIN EN 60534-2-3								
weight	kg	1,1	1,1	1,1	2,5	4,5	8,1	8,8



DN40-DN50



DN8-DN25

article number:

type	range of pressure	seal	diameter
DM15	00 – 5-30 bar	00 – FKM 01 – EPDM	01 – 1/4"
	01 – 10-50 bar		02 – 3/8"
	02 – 0,5-15 bar (with membrane with secondary venting – only for neutral, gaseous media)*		03 – 1/2"
	04 – 3/4"		05 – 1"
	03 – 0,5-15 bar (with membrane without secondary venting – for liquid & gaseous media)		07 – 1 1/2"
			08 – 2"

example - DM15010004:

DM15 | 01 | 00 | 04

pressure reducing valve made of stainless steel
 internals are made of stainless steel
 range of pressure: 10 – 50 bar
 connection: female thread
 seal: FKM
 diameter: 3/4"

***Attention: Type 2 only suitable for neutral gases (e.g. compressed air)!**

Image similar, subject change without notice.