

## 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:

-40C° up to +120°C

### Pressure:

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

### design:

### body material:

### seal:

### internals:

### spring:

### assembly position:

### inlet pressure:

### outlet pressure:

### connection:

### option:

piston-pressure reducing valve

stainless steel 1.4408

FKM / -10C° up to +120°C

EPDM / -40C° up to +120°C

stainless steel 1.4404

stainless steel 1.4568

any position

Up to 60,0 bar

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)!

female thread acc. DIN EN ISO 228 BSP-P

Wall holder for mounting

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

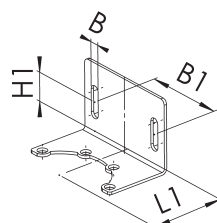
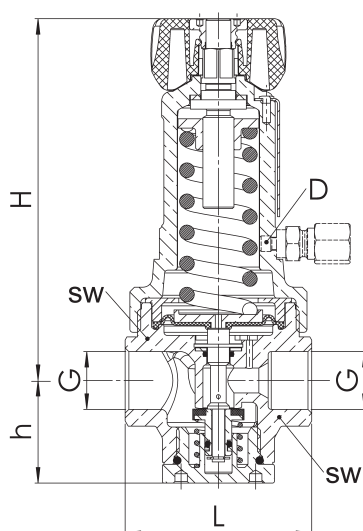
The secondary venting is an additional hole, usually in the spring cover of the pressure reducer.

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.

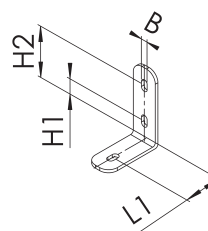
When the pressure is reduced, the medium escapes through the said hole to the outside. It is therefore advisable to use pressure reducers with secondary ventilation only with neutral gases such as compressed air.

## 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 Typ 0        | bar   | 5-30   | 5-30   | 5-30   | 5-30   | 5-30   | 5-30    | 5-30    |
| outlet pressure Typ 1        | bar   | 10-50  | 10-50  | 10-50  | 10-50  | 10-50  | 10-50   | 10-50   |
| outlet pressure Typ 2        | 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    |
| <b>Acc. DIN EN 60534-2-3</b> |       |        |        |        |        |        |         |         |
| 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         |
|-------------|-----------------------------------------------------------|-----------------|------------------|
| <b>DM15</b> | 00 – 5-30 bar                                             | <b>00 – FKM</b> | 01 – 1/4"        |
|             | <b>01 – 10-50 bar</b>                                     | 01 – EPDM       | 02 – 3/8"        |
|             | 02 – 0,5-15 bar (with membrane – only for gaseous media)* |                 | 03 – 1/2"        |
|             |                                                           |                 | <b>04 – 3/4"</b> |
|             |                                                           |                 | 05 – 1"          |
|             |                                                           |                 | 07 – 1 1/2"      |
|             |                                                           |                 | 08 – 2"          |
|             |                                                           |                 |                  |

### example - DM15010004:

|             |           |           |           |
|-------------|-----------|-----------|-----------|
| <b>DM15</b> | <b>01</b> | <b>00</b> | <b>04</b> |
|-------------|-----------|-----------|-----------|

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.