

Stainless steel pressure reducing valve flange type DM13 | DM20



Description:

Stainless steel 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 aggressive water and other aggressive fluids
- **suitable for air & neutral non-inflammable gases**
- industrial design – full metal
- Built-in dirt trap and 1 manometer connection G 1/4" inch axial
- mounting position: any

Connection:

DN15, DN20, DN25, DN32, DN40, DN50

Temperature:

-20°C to +190°C

Depending on design

Pressure:

Inlet pressure: to 40,0 bar

Outlet pressure: 0,2 bar – 9,0 bar

Depending on design

Subject to PED 2014/68/EU category I

Design:

Piston pressure reducing valve with built-in dirt trap

Body:

Stainless steel 1.4408 / flanges stainless steel 1.4571

Spring bonnet:

Stainless steel 1.4408

membrane / seal:

TYP DM13 FKM / FPM -10°C to +190°C

TYP DM20 EPDM (FDA) -20°C to +120°C

Internals:

Stainless steel 1.4404

Assembly position:

any, preferably vertical

Connection:

Flange acc. to DIN EN 1092 PN40

Pressure range:

	Outlet pressure	Inlet pressure
spring 00	1,5 to 6,0 bar	to 40,0 bar
spring 01	0,2 to 2,0 bar	to 25,0 bar
spring 02	0,5 to 9,0 bar	to 40,0 bar

Minimum pressure difference:

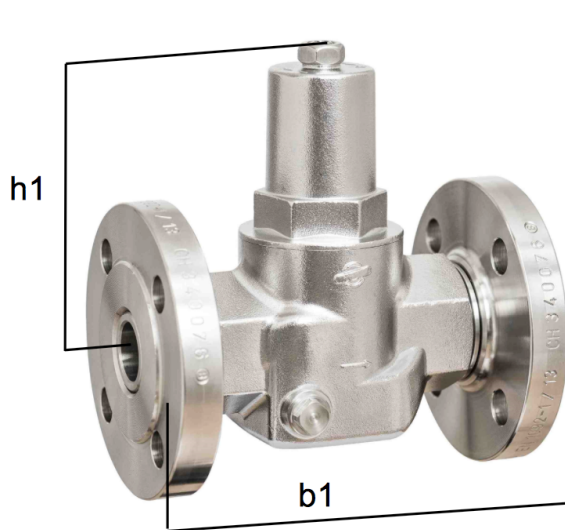
Inlet-/outlet pressure 1 bar

Note:

Type DM19 with EPDM seal comes with FDA-conformity, therefor it can be used for food-applications.

Dimensions:

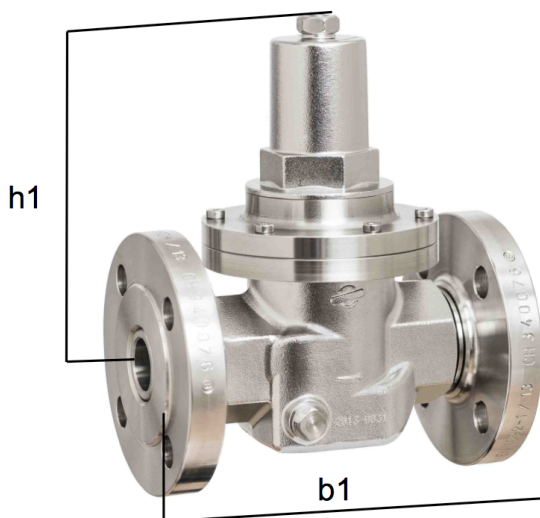
Diameter DN	15	20	25	32	40	50
Flange DIN EN 1092	15	20	25	32	40	50
h1	118	118	118	118	219	219
b1	130	150	160	180	200	230
Low pressure 0,2 to 2,0 bar						
h1	136	136	137	137	247	247
D Flange Ø	95	105	115	140	150	165
Kvs-value m3/h	2,9	3,9	5,4	6,1	9	13
Strainer mesh size	0,32	0,32	0,32	0,32	0,6	0,6
weight kg	2,8	3,6	4,8	6,1	9,7	11,5



Standard



DN 40 - DN 50



Low pressure



DN 40 - DN 50

Article number:

Type	Outlet pressure	Connection	Size
DM13 – FPM DM20 – EPDM	00 – 1.5 up to 6.0 bar 01 – 0.2 up to 2.0 bar 02 – 0.5 up to 9.0 bar	00 – flange PN40 01 – flange ANSI150	03 – DN15 04 – DN20 05 – DN25 06 – DN32 (not available with EPDM) 07 – DN40 08 – DN50

Example No. DM13000007:

DM13 | **00** | **00** | **07**

Pressure reducing valve made of stainless steel

Outlet pressure: 1,5 up to 6,0 bar

Membrane: FPM

Connection: flange PN40

Size: DN40

Image similar, subject change without notice.