

flange pressure reducing valve gunmetal type DM16



description:

Flange pressure reducing valve are used to regulate the supply pressure in a system, to compensate different inlet pressures to a certain pressure at the outlet side

product features:

- suitable for neutral, non- inflammable gases and not adhesive liquid & gaseous media
- industrial design
- **double-ended manometer fitting**
- mounting position: any

connection:
DN100, DN125, DN150

temperature:
-10°C up to +75°C

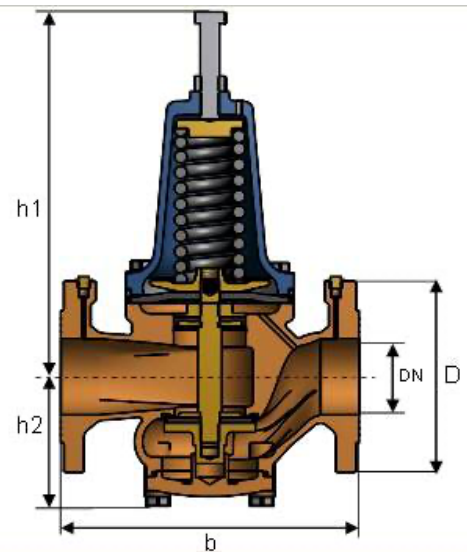
pressure:
Inlet pressure: up to 16,0 bar
Outlet pressure: 0,5 bar – 10,0 bar
- depending on design

Subject to PED 2014/68/EU category I

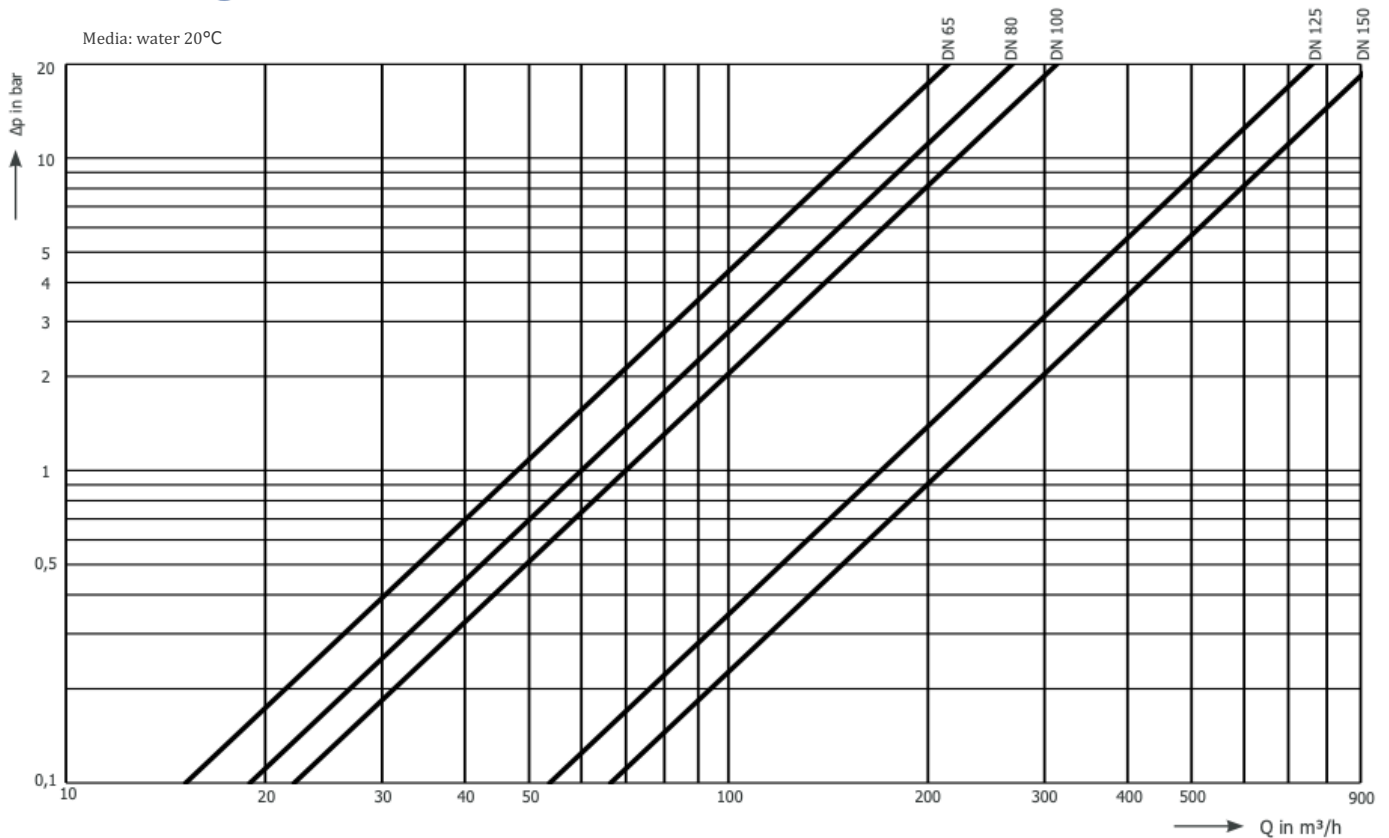
design:	single seated pressure reducing valve
body material:	gunmetal Rg5 CC499K
spring bonnet:	cast iron
seals:	NBR
diaphragm:	NBR
inner parts:	brass
assembly position:	any preferably vertical
inlet pressure:	up to 16,0 bar
outlet pressure:	type 0: 0,5 – 4 bar g type 1: 1,5 – 6 bar g type 2: 3,0 – 10,0 bar g
minimum pressure difference:	1 bar
connection:	flange acc. to DIN EN 1092 PN 16
type:	inner parts are replaceable and suitable for drinking water
manometerconnection:	double-ended 1 connection G 1/2" inch axial manometer separate manometer fitting 2 connections for working and outlet pressure – G1/4" inch radial

dimensions:

diameter DN		100	125	150
inlet flange		100	125	150
outlet flange		100	125	150
flange PN		16	16	16
body-dimensions in mm	h1	402	547	548
	h2	140	185	185
	b	350	400	480
	D	220	250	285
Kv-value m ³ /h		70	170	190
weight kg		37,5	88,5	97,8
inlet pressure		16 bar	16 bar	16 bar
outlet pressure in bar				
type 0 - version		0,5 - 4,0	0,5 - 4,0	0,5 - 4,0
type 1 - version		1,5 - 6,0	1,5 - 6,0	1,5 - 6,0
type 2 - version		3,0 - 10,0	3,0 - 10,0	3,0 - 10,0



Pressure-temperature-diagram:



article number:

type	range of pressure	seal	diameter
DM16	00 – 0,5-4,0 bar	00 – NBR	11 – DN100
	01 – 1,5-6,0 bar		12 – DN125
	02 – 3,0-10,0 bar		13 – DN150

Example article no. DM16010012:

DM16	01	00	12
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pressure reducing valve gunmetal

inner parts brass

range of pressure: 1,5 – 6,0 bar

seal: NBR

diameter: DN125

*) flanges acc. to PN25 and inlet pressure possible to 25 bar on request

Image similar, subject change without notice.