

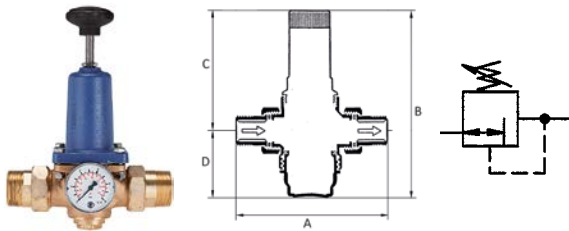
# Pressure regulator

for drinking water



Art. No. 101354

Type No. 100.106



Exemplary illustration

Pressure regulator with pressure-reduced single-seated diaphragm valve and built-in strainer. Specially designed for use in domestic water installations.

The device is also suitable for all other applications involving water, neutral non-sticky liquids, air and neutral non-flammable gases.

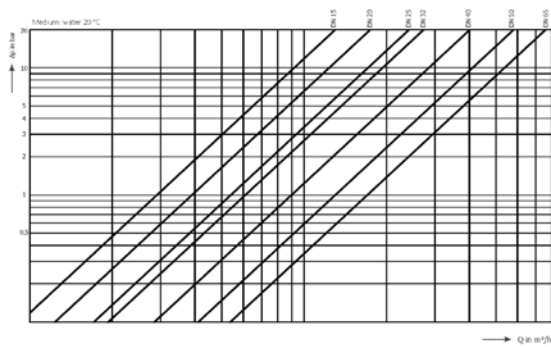
## Technical data

Max. input pressure	16 bar
Min. primary (inlet) pressure	2.5 bar
Operating temperature	-15 to 75 °C
Min. pressure drop	1 bar
Control range	1,5 - 6 bar
Mounting position	any, preferably vertical
Thread	R 2
DN	50
Flow rate kvs value	13 m <sup>3</sup> /h
Housing	Bronze (Rg5)
Spring bonnet	Grey cast iron
Diaphragms	EPDM with ELL and W270
Sealant	EPDM with ELL and W270
Internal parts	brass
DVGW approval	for drinking water, without DVGW approval
A	210.0 mm
B	292.0 mm
C	239.0 mm
D	53.0 mm

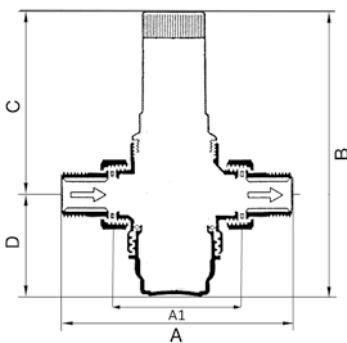
## Commercial data

Customs tariff number	84811005
Country of origin	DE
eCl@ss 5.1.4	37011108
eCl@ss 9.0	37011108
UNSPSC_Code_v190501	41112404
UNSPSC_CodeDesc_v190501	Pressure regulator

## Flow chart



## Dimensions



Thread	A	B	C	D	A1	DN
	mm	mm	mm	mm	mm	
R 2	210.0	292.0	239.0	53.0	126	50

**Application**

Pressure reduction of water, other neutral non-viscous fluids, compressed air, nitrogen and other non-combustible gases. Not suitable for steam.

**Version**

Pressure-relieved single seated valve

Outside threaded sockets acc. ISO 7

With dirt-trap / strainer

Inner parts are replaceable

Inner parts suitable for drinking water

Double-ended G 1/4 manometer fitting

Available on request: soldered sockets for CU pipe and G 3/8 with internal thread

**Spareparts**

	<b>Art. No.</b>	<b>Type No.</b>
Seal kit for R 2	101359	100.305
Pressure gauge Ø 63 mm, G 1/4 ET, 0 - 10 bar/145 psi	101244	217-KD