

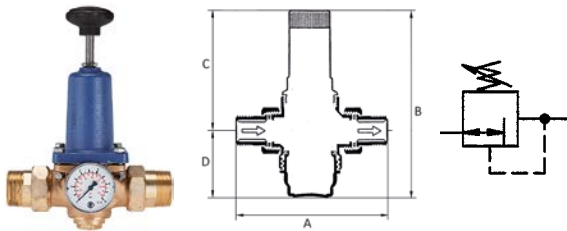
# Pressure regulator

for drinking water



Art. No. 101353

Type No. 100.105



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 1 1/2
DN	40
Flow rate kvs value	9 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	293.0 mm
C	242.0 mm
D	51.0 mm

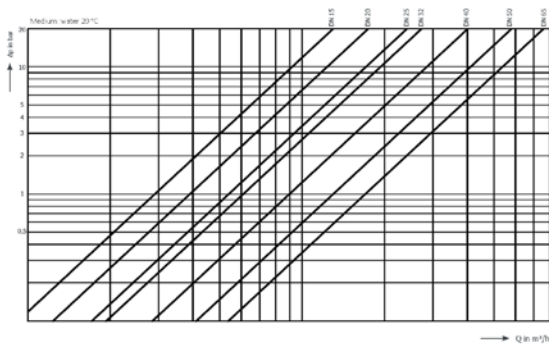
## Commercial data

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

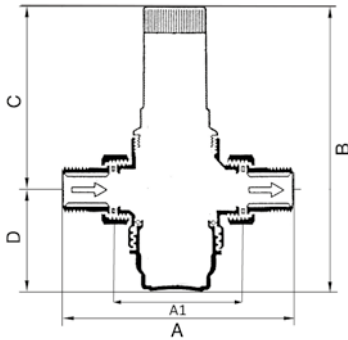
## Material informations

REACH SVHC1 substance name	Blei
CAS no. SVHC 1	7439-92-1
RoHS materials notice	RoHS konform
REACH Info	enthält SVHC Stoff

## Flow chart



## Dimensions



Thread	A mm	B mm	C mm	D mm	A1 mm	DN
R 1 1/2	210.0	293.0	242.0	51.0	125	40

### 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

	Art. No.	Type No.
Seal kit for R 1 1/2	101358	100.304
Pressure gauge Ø 63 mm, G 1/4 ET, 0 - 10 bar/145 psi	101244	217-KD