

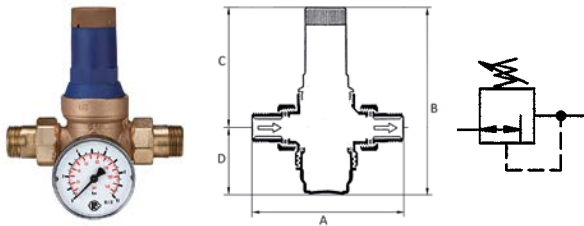
Pressure regulator

for drinking water



Art. No. 145385

Type No. 100.102-2



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.

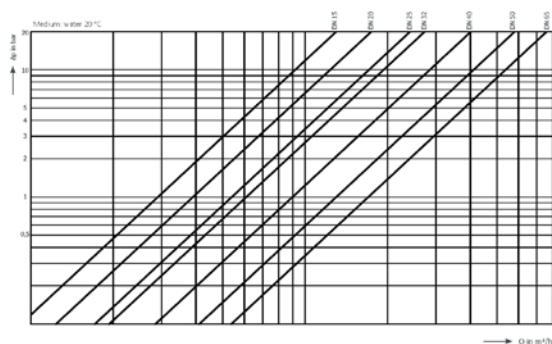
Technical data

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 3/4
DN	20
Flow rate kvs value	3.9 m³/h
Housing	Bronze (Rg5)
Spring bonnet	PA 6
Diaphragms	EPDM with ELL and W270
Sealant	EPDM with ELL and W270
Internal parts	Hostaform C and brass
DVGW approval	for drinking water, DVGW tested acc. to EN 1567
A	141.0 mm
B	136.0 mm
C	109.0 mm
D	27.0 mm

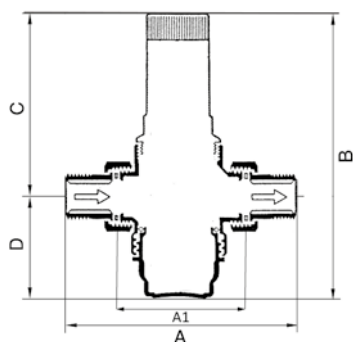
Commercial data

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 3/4	141.0	136.0	109.0	27.0	90	20

Application

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

DVGW and noise protection tested

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.
Cartridge for R 3/4	145734	100.306