



Pressure regulator

for drinking water

Model: "Saxonia"

100.32 to 100.34

R $\frac{3}{4}$
R 1
R $1\frac{1}{4}$

**DVGW
DW 6330AU2016**

Noise emissions acc. to
DIN 1988

Connect a fine filter upstream!

General

- Soundproof pressure reducer (DIN 1988)
- DIN / DVGW-tested
- Pressure setting can be read off easily on the control dial
- Flow friendly thanks to the inclined valve axis

Characteristics

Type	100.32	100.33	100.34
Pipe thread	R $\frac{3}{4}$	R 1	R $1\frac{1}{4}$
Pressure gauge port	G $\frac{1}{4}$		
Type of construction	Diaphragm pressure regulator with pressure-reduced single-seated valve		
Mounting position	Horizontal or vertical		
Medium	Drinking water acc. to German drinking water regulations		
Max. input pressure	16 bar		
Control range	1.5 to 6 bar		
Water temperature	5 to 30 °C		
Ambient temperature	5 to 40 °C		

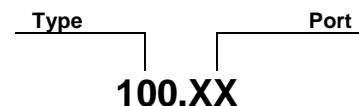
Materials

Part	Material
Housing	Cast brass
Tube fitting	Brass
Spring bonnet	Plastic
Fine screen	Stainless steel
Adjusting screw	Stainless steel
Seals	EPDM
Diaphragm	Reinforced NBR

Installation

- Suitable for horizontal or vertical mounting
- Shut-off valves must be provided on both sides
- Easy accessibility simplifies regular maintenance work
- Install directly at the inlet of the house connection **downstream** of the **fine filter**
- A settling section equivalent to at least 5 x DN is recommended downstream of the pressure reducer

Ordering information



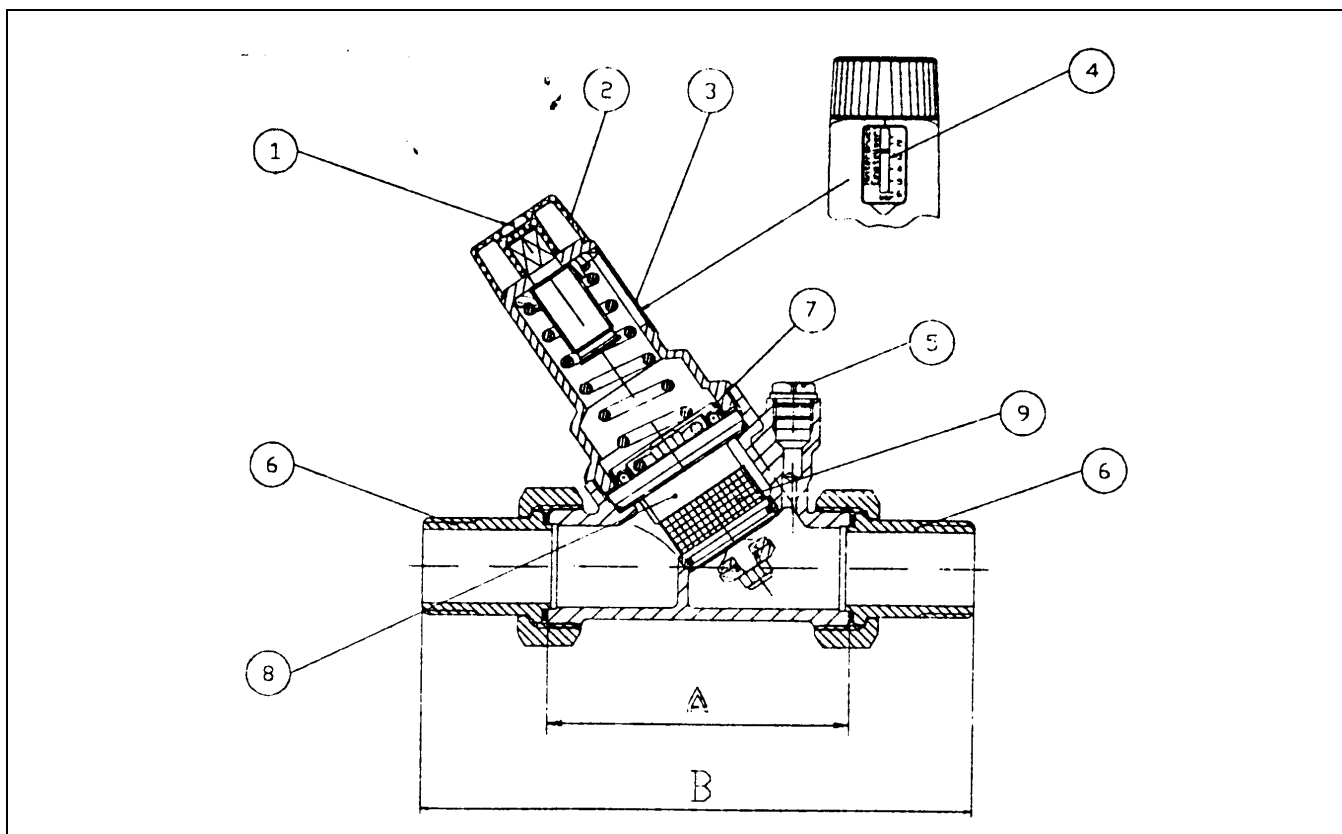
Port	
XX =	Thread
32	R $\frac{3}{4}$
33	R 1
34	R $1\frac{1}{4}$

Applications

This pressure reducer adjusts the pressure of the domestic water supply to a settable, reduced value, depending on local requirements!

A constant, moderate pressure protects the house plumbing and all valves or devices on the downstream side.

Water hammer is avoided and noise emissions from the plumbing are reduced to a minimum.

Dimensions [mm]

Dimensions [mm]

Order No.	A	B
100.32	90	158
100.33	100	184
100.34	130	228

Flow rates [m³/h]

Order No.	100.32	100.33	100.34
[m ³ /h] v = 3 m/s	3.4	5.3	8.6

Parts

No.	Designation
1	Locking screw
2	Rotary knob
3	Spring bonnet
4	Control dial for setpoint
5	Pressure gauge port
6	Tube fitting
7	Sliding ring
8	Valve insert
9	Strainer

Main spare parts / accessories

Port size [R]	Order No.	Part		
		Valve replacement kit	Screen	Pressure gauge
3/4	100.32	100/320	100/321	106 (0 to 10 bar)
1	100.33	100/320	100/321	
1 1/4	100.34	100/340	100/341	

Maintenance

	Activity	Interval	Responsible
Inspection	Visual inspection of the output pressure setting on the pressure gauge at zero and peak flow (high draw-off quantity)	Once every six months	Owner or plumbing firm
	Clean the screen and if necessary replace		
Maintenance	If the output pressure setting does not yield a constant value at zero flow, the valve insert must be removed, inspected and if necessary replaced	Once every year	Plumbing firm

For more information, refer to Operating Manual 17-40