Partnership. With Guarantee.

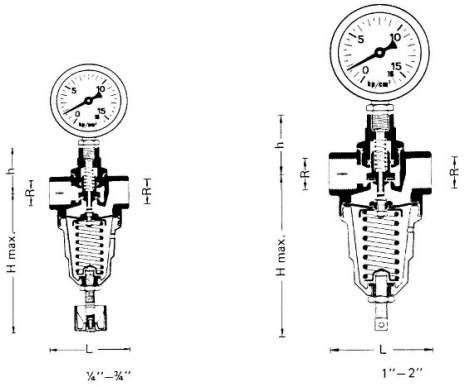
Pressure regulator made of brass
Series PR01



Design type	Pressure regulator with relieving poppet valve, without secondary exhaust venting
Function	Secondary pressure adjustment via a rotary knob
Connection	RP1/4"...RP2" after ISO7/1
Pressure gauge connection	RP1/4" after ISO7/1
Materials	Housing, Valve piston and piston guide Brass CW617N Spring cap Polyamide, Seals and diaphragms NBR
Application range	gaseous and liquid media that do not attack the materials used, not suitable for oil
Medium temperature	0...+70°C
Ambient temperature	0...+55°C
Inlet pressure	max. 40bar
Control range	1-10bar
Flow direction	is marked by an arrow
Mounting type	Installation in rigid piping system
Mounting position	any
Scope of delivery	without Pressure gauge

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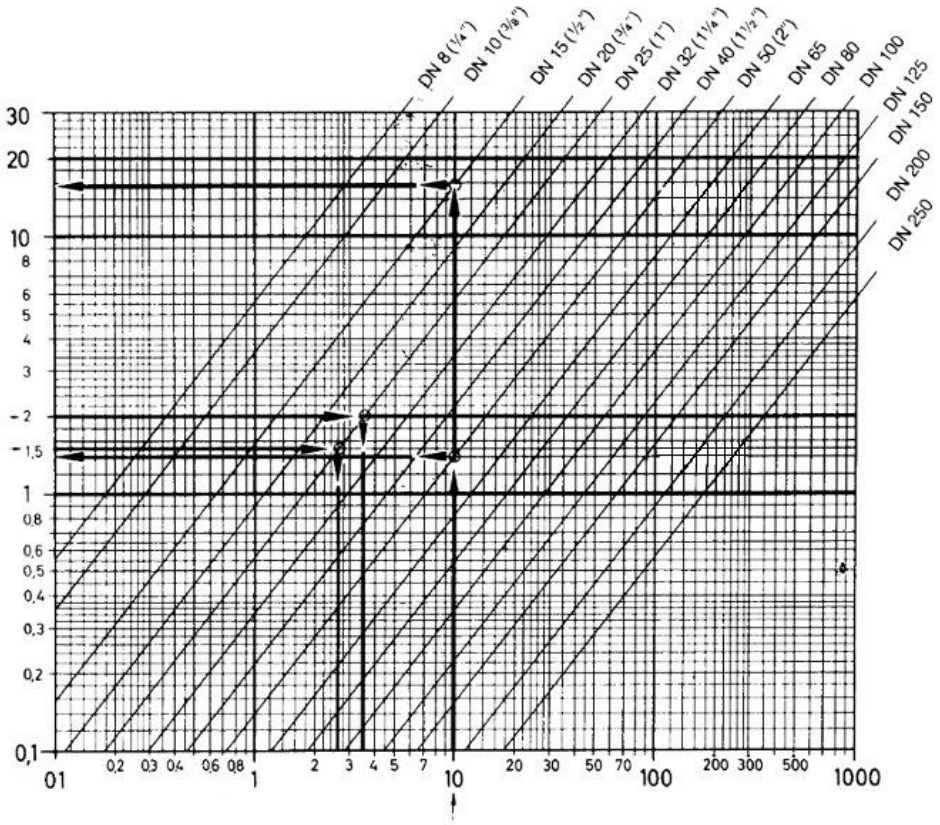
Dimensions



R	Nominal size DN[mm]	L	H max.	h	W min.	Weight [approx. kg]	Type
RP1/4"	8	50	90	34	45	0,3	PR01-14-1/10
RP3/8"	10	50	90	34	45	0,3	PR01-38-1/10
RP1/2"	15	65	105	36	50	0,5	PR01-12-1/10
RP3/4"	20	80	105	42	50	0,6	PR01-34-1/10
RP1"	25	95	150	57	55	1,4	PR01-10-1/10
RP11/4"	32	105	160	57	60	1,8	PR01-114-1/10
RP11/2"	40	115	200	72	60	2,9	PR01-112-1/10
RP2"	50	130	210	72	70	3,8	PR01-20-1/10
W min. = Minimum distance Wall to center of pipeline							

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Flow diagram



Vertical axis: Flow rate in m/s
Horizontal axis: Flow rate in m³/h

For liquids, a flow velocity of 2 m/s should not be exceeded.
With compressed air, a flow velocity of 20 m/s should not be exceeded.
When using the diagram for compressed air, the flow rate V must always be entered in operating m³/h. The conversion to operating cubic meters is carried out by dividing the standard cubic meters by the **Absolute pressure = Operating pressure + 1 [bar].**

Illustrations non-binding
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