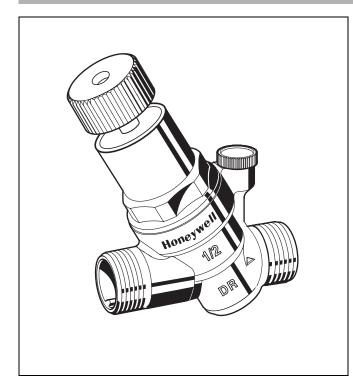
Honeywell

D04FS

Pressure Reducing Valve



Construction

The pressure reducing valve comprises:

- Housing with pressure gauge connection G1/4""
- Spring bonnet with adjustment opening
- Green adjustment knob
- Adjustment spring
- Pressure gauge not included (see accessories)

Materials

- Dezincification resistant brass housing
- High-quality synthetic material spring bonnet
- Spring steel adjustment spring
- NBR and EPDM seals

Product specification sheet

Application

Pressure reducing valves of this type protect household water installations against excessive pressure from the supply. They can also be used for industrial or commercial applications within the range of their specification.

By installing a pressure reducing valve, pressurisation damage is avoided and water consumption is reduced.

The set pressure is also maintained constant, even when there is wide inlet pressure fluctuation.

Reduction of the operating pressure and maintaining it at a constant level minimizes flow noise in the installation.

Special Features

- WRAS approved according to BSEN1567
- Compact construction
- The adjustment spring is not in contact with the potable water
- Outlet pressure adjustable with green adjustment knob
- Inlet pressure balancing fluctuating inlet pressure does not influence outlet pressure
- Meets KTW recommendations for potable Water

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Range of Application

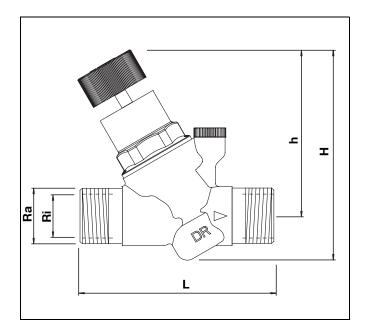
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Inlet pressure	max. 16 bar
Outlet pressure	1.5-6 bar adjustable

Technical Data

Horizontal and vertical installation posi- tion possible	
In vertical installation position spring bonnet with adjustment knob facing upwards	
max. 40°C accord. to DIN EN 1567 max. 70°C (max. operating pressure 10 bar)	
1 bar	
3/8", 1/2", 3/4"	

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Method of Operation

Spring loaded pressure reducing valves operate by means of a force equalising system. The force of a piston operates against the force of an adjustment spring. If the outlet pressure and therefore piston force fall because water is drawn, the greater force of the spring causes the valve to open. The outlet pressure then increases until the forces between the piston and the spring are equal again.

The inlet pressure has no influence in either opening or closing of the valve. Because of this, inlet pressure fluctuation does not influence the outlet pressure, thus providing inlet pressure balancing.

Options

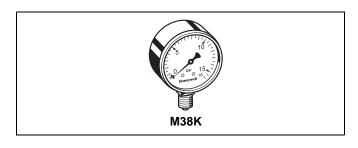
D04FS- \dots A = External thread on in- and outlet Connection size

Connection size	Ri	³ /8"	¹ / ₂ "	3/4"
-	Ra	3/4"	3/4"	1"
Nominal size	DN	10	15	20
diameter				
Weight	kg	0.28	0.29	0.33
Dimensions	mm			
	L	84	84	88
	h	82.7	82.7	82.7
	Н	106	106	106
k _{vs} -value	m³/h	t.b.d	2.7	2.9

Accessories

M38K Pressure gauge

Housing diameter 50 mm, below connection thread G1/4". Ranges: 0 - 4, 0 - 10, 0 - 16 or 0 - 25 bar. Please indicate upper value of pressure range when ordering



Spare Parts

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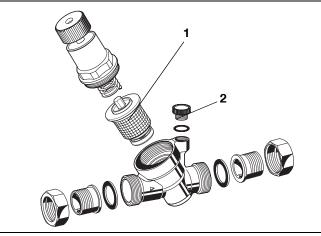
No. Description

Valve insert complete 3/8" - 3/4"

- Dimension
 - D04FSA-1/2

Part No.

- 2 Blanking plug with O-ring R1/4" (5 pcs.)
- S06K-1/4



Automation and Control Solutions

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