

# Pressure-reducing valves

## Pressure-reducing valves

The BERMAD pressure-reducing valves are especially designed for accurate and reliable pressure control. The valve is a “Direct Acting Pressure Reducer” type. The downstream pressure of the network is constant and equal to the preset pressure, regardless of upstream pressure variations and/or flow fluctuations.

## Product features:

The use of a rolling diaphragm and guided plug ensures smooth and repeatable operation and prevents diaphragm distortion this results in a long and trouble-free service life and accurate operation due to minimal resistance to movement. Various springs are available per type, according to the pressure to be set. The valves can be supplied with a preset fixed pressure, or an adjustable pressure setting.

## Applications:

- At any point where pressure is to be reduced.
- Safeguard against overpressure.
- To obtain an even water delivery due to the equalisation of pressure





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## Technical data

### Specifications:

- Connections: 3/4", 1", 1 1/2" BSP male thread
- Working pressure: 0.7 - 9 bar
- Max. water temperature: 60 °C

### Materials:

- Body and cover: glass-fibre-reinforced polyamide
- Metal parts: stainless steel
- Diaphragm: NBR, nylon-reinforced
- Seals: NBR and NR

Uitvoering		3/4"	1"	1 1/2"
Cap. min	m³/h	0,2	0,45	0,45
Cap max	m³/h	5	7	18
Spring selection (Outgoing pressure adjustable)	A geel bar	-	0,3 - 0,8	
	B wit bar	0,8 - 2,5	0,5 - 1,2	
	C rood bar	2,0 - 4,0	1,0 - 2,0	
	D zwart bar	-	1,5 - 3,5	
	Q bruin bar	-	3,0 - 5,5	
L	mm	88	114	106
H	mm	100	160	155
R	mm	17	45	30
Width (W)	mm	45	65	65
Weight	kg	0,13	0,36	1,0

Spring selection 3/4" valves



Spring selection 1" and 1 1/2" valves

