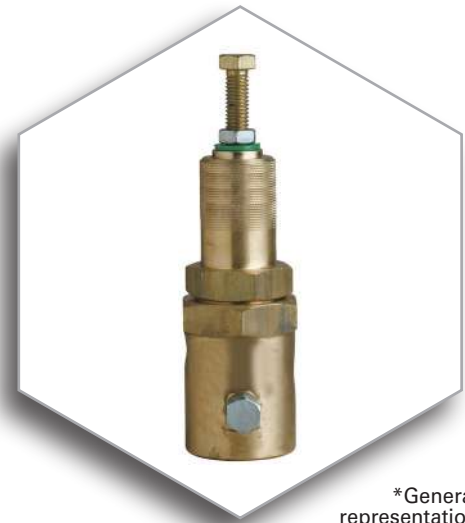


68-500

Pressure Sustaining / Relief 2-Way Pilot Valve

A 2-Way, diaphragm actuated, spring-loaded, pressure sustaining/relief pilot valve, applicable for service on pressure sustaining/relief valve trims. It modulates to maintain a steady, pre-set pressure, upstream of the valve's location. As upstream pressure rises above the set value, the 68-500 open to allow waterflow between its "COM" and "OUT" ports, relieving the water from the valve's control chamber and causing the valve to open. As upstream pressure falls below the set value, the 68-500 throttles, restricting the flow out of the valve's control chamber, limiting the valve's opening or causing it to close (if necessary).



*General representation

CERTIFICATION & COMPLIANCE

- UL Listed when installed on OCV Fluid Solutions models



FEATURES & BENEFITS

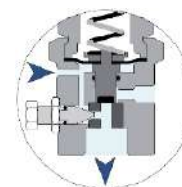
- 2-way pilot valve for high accuracy pressure sustaining/relief applications
- Integral stainless steel needle valve - highly accurate and simplifies the control trim
- Minimal internal sealing and maximal dependability
- Easy to adjust

TECHNICAL DATA

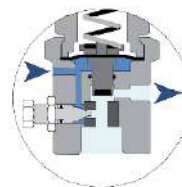
GENERAL		
Pressure Rating	25 bar / 360psi	
Pressure Adjustment Range	0.5 -12 bar / 7-175psi	
Fluid Temperature	80°C max / 175°F max	
Weight	1 kg / 2.2 lbs	
MATERIALS	STANDARD	OPTIONAL*
Body & Bonnet	Brass	Stainless Steel
Internal Parts & Spring	Stainless Steel	Stainless Steel
Elastomers	NBR	EPDM
DIMENSIONS		
H (Height) max	170 mm / 6.69"	
W (Width)	65 mm / 2.6"	
PORT	SIZE	CONNECTION
I	1/4" NPT	Upstream
C	1/4" NPT	Control Chamber
O	1/4" NPT	Downstream

*Other materials available upon request. Minimum quantities may apply.

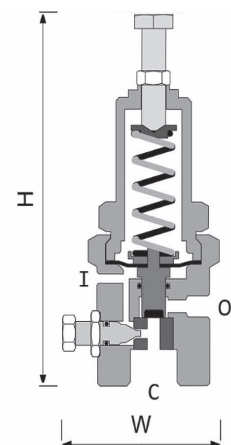
SPRING	COLOR	bar	psi
66 (Standard)	Green	0.6-12	10-175
78	Yellow	0.5-3	7-45



Low pressure



High pressure



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