

# △ OCV Model 68-500



#### Accessories







General representation

#### Pressure Sustaining/Relief 2-Way Pilot Valve



#### Description

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, preset pressure, upstream of the valve's location. As upstream pressure rises above the set value, the 68-500 opens 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).



### Certification & Compliance

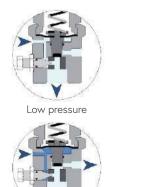
UL Listed (when installed on OCV control valves)



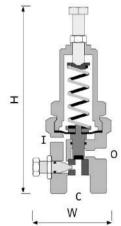


#### Features & Benefits

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



High pressure



## Operation

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	Stainless Steel			Stainless Steel
Spring	Stainless Steel			Stainless Steel
Elastomers	NBR			EPDM
Dimensions				
H (Height) max	170 mm / 6 <sup>69</sup> / <sub>100</sub> "			
W (Width)	65 mm / 2 <sup>3</sup> / <sub>5</sub> "			
Port	Size			Connection
I	1/ <sub>4</sub> " NPT		Upstream	
С	1/ <sub>4</sub> " NPT		Control Chamber	
0	1/ <sub>4</sub> " NPT			Downstream
Spring Ranges	Color	psi		bar
66 (Standard)	Green	10-17	'5	0.6-12
78	Yellow	7-45		0.5-3

<sup>\*</sup>Other materials available upon request. Minimum quantities may apply.

