

## **68-510**

METAL MINI PILOT 2-WAY PILOT-VALVE PRESSURE-SUSTAINING/RELIEF



## **DESCRIPTION**

The **68-510** is a 2-way, diaphragm actuated, spring-loaded pressure-sustaining pilot-valve, designed for control of hydraulic valves.

## **FEATURES**

Normally-close, will open when the upstream pressure exceed the adjustable spring setting

Minimal internal sealing and maximal dependability

SST needle valve – integral in the valve's design

## **APPLICATIONS**

Pressure sustaining valves - PS

Pressure relief valves - PS[R]

Quick-acting pressure-relief - QR

Optional separated sensing chamber - 68-51A

GENERAL					
PRESSURE RATING	40 bar / 580 psi				
PRESSURE ADJUSTMENT RANGE	0.4 - 40 bar / 6 - 580 psi				
FLUID TEMPERATURE	80°C max. / 176°F max.				
WEIGHT	850 g. / 1.9 lbs.				

MATERIALS	STANDARD	OPTIONAL
<b>BODY AND BONNET</b>	Brass	SST
ELASTOMERS	NBR	EPDM, Viton
INTERNAL PARTS	SST	-
SPRING	SST	-

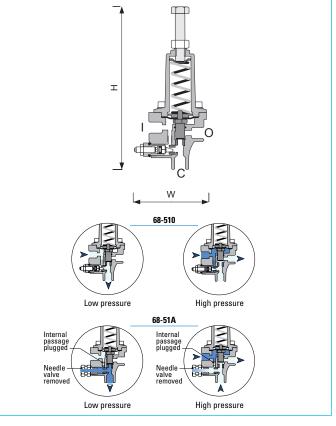
DIMENSIONS			
H (HEIGHT) MAX.	180 mm / 7"		
W (WIDTH)	72 mm / 3"		

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PORT CONNECTIONS				
I, O, C		NPT 1/4"		

<sup>\*</sup> Other materials available upon demand

SPRING NUMBER	COLOUR	BAR	PSI
67 (Std.)	Red	2 - 40	30 - 580
66	Green	0.8 - 13	10 - 190
78	Yellow	0.4 - 3.5	6 - 50

Valve Pilot is supplied with Standard Pressure Diaphragm Adjustment: Turn the adjusting screw clockwise to increase the set point





47