

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
BODY AND BONNET	Brass	SST
ELASTOMERS	NBR	EPDM, Viton
INTERNAL PARTS	SST	-
SPRING	SST	-
DIMENSIONS		
H (HEIGHT) MAX.	180 mm / 7"	
W (WIDTH)	72 mm / 3"	
PORT CONNECTIONS		
I, O, C	NPT 1/4"	

* 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

