



PLASTIC MINI PILOT 3-WAY PILOT-VALVE DIFFERENTIAL PRESSURE REDUCING



DESCRIPTION

The **29-310** is a 3-way, diaphragm actuated, spring-loaded pilot-valve that is designed for control of differential pressure-reducing hydraulic valves. The pilot valve serves as a selector between the common port and the two other ports. The pilot valve will vent, Pressurise or lock the hydraulic valve's chamber as a factor of the relation between the Regulated pressure and the adjusted set-value.

FEATURES

Made of corrosion-proof composite materials

Minimize pressure losses through the main valve by completely venting the control chamber

Wide regulation range

Accurate and easy to adjust

Simple design and maximal dependability

APPLICATIONS

Flow rate control valves - FR

Differential pressure reducing valves - DP

Pressure reducing for low pressure setting - PR

GENERAL				
PRESSURE RATING	G 10 bar / 150 psi			
PRESSURE ADJUSTMENT RANGE	0.2 - 3 bar / 3 - 40 psi			
FLUID TEMPERATURE	ERATURE 50°C max. / 120°F max.			
WEIGHT	0.17 kg / 0.37 lbs			
MATERIALS				

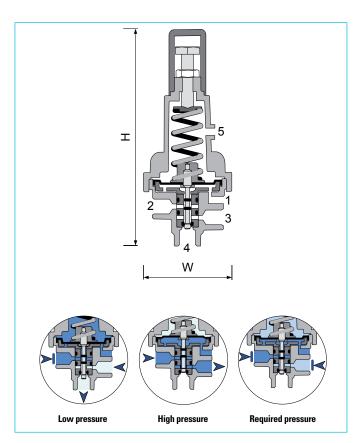
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MATERIALS				
BODY AND BONNET	GRP			
ELASTOMERS	NBR			
INTERNAL PARTS	SST			
SPRING	SST			
DIMENSIONS				
H (HEIGHT) MAX.	143 mm / 5 63"			

W (WIDIH)	05 mm / 2.50			
PORT CONNECTIONS				
12345	NPT 1/8"			

^{*} Other materials available upon demand

SPRING NUMBER	COLOUR	BAR	PSI
82 (Std.)	White	0.2 - 0.5	3 - 7
72	Yellow	0.3 - 3.0	4 - 40

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





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