

29-310

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	10 bar / 150 psi
PRESSURE ADJUSTMENT RANGE	0.2 - 3 bar / 3 - 40 psi
FLUID TEMPERATURE	50°C max. / 120°F max.
WEIGHT	0.17 kg / 0.37 lbs
MATERIALS	
BODY AND BONNET	GRP
ELASTOMERS	NBR
INTERNAL PARTS	SST
SPRING	SST
DIMENSIONS	
H (HEIGHT) MAX.	143 mm / 5.63"
W (WIDTH)	65 mm / 2.56"
PORT CONNECTIONS	
1,2,3,4,5	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

