

29-100

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



DESCRIPTION

The **29-100** is a 3-way, diaphragm actuated, spring-loaded pilot-valve that is designed for control of 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, pressurize 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
"Poppet" design: minimal internal sealing and maximal dependability

APPLICATIONS

Pressure reducing valves - **PR**
Topography-compensating, 'Normally Open', remote hydraulic-control - **RC(NO)**

GENERAL	
PRESSURE RATING	10 bar / 150 psi
PRESSURE ADJUSTMENT RANGE	0.3 - 7.5 bar / 4 - 110 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.	130 mm / 5.12"
W (WIDTH)	65 mm / 2.56"
PORT CONNECTIONS	
1,2,3,4	NPT 1/8"

* Other materials available upon demand

SPRING NUMBER	COLOUR	BAR	PSI
54 (Std.)	Green	0.5 - 4.5	7 - 65
72	Yellow	0.3 - 3	4 - 40
65	Red	1 - 7.5	15 - 110

Adjustment: Turn the adjusting screw clockwise to increase the set point

