

29-200

PLASTIC MINI PILOT 3-WAY PILOT-VALVE MULTI- PURPOSE



DESCRIPTION

The **29-200** is a 3-Way, diaphragm actuated, spring- loaded pilot-valve that is designed for control of pressure-regulating 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. The **29-200** pilot-valve can be used for implementing wide range of hydraulic control-functions.

FEATURES

- Made of corrosion-proof composite materials
- Minimize pressure losses through the main valve by completely venting the control chamber
- Same pilot valve can be used for various control functions by simply changing the way it is connected to the valve

APPLICATIONS

- Pressure reducing valves - **PR**
- Pressure sustaining valves - **PS**
- Topography-compensating, remote hydraulic-control - **RC**
- Differential pressure sustaining valves - **DI** (Model 29-200D)

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	STANDARD	OPTIONAL*	
BODY AND BONNET	GRP	PP	
ELASTOMERS	NBR	EPDM - ALD	
INTERNAL PARTS	C.Brass+PTFE	SST 316	
SPRING	SST	SST 316	
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	5 - 45
65	Red	1 - 7.5	15 - 110

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

