



Pilot Valve, Plastic

Model BPV010M

This is a 2-way direct acting pilot valve, actuated by a pressure responsive diaphragm, which seeks to reach equilibrium between hydraulic and set spring forces. When used in a pressure relief / sustaining / reducing circuit, the pilot modulates open as upstream pressure rises above set point.

Features

- Universal Mini-pilot, Easy fit-in, High Quality, Accurate & Flexible

Typical Applications

- Hydraulic valve 1 1/2-6"

Technical Data

Pressure Rating : 10 bar ; 145 psi

Working Temperature : Water up to 50°C ; 122°F

Flow Factor : Kv 0.29 m³ / h @1bar ΔP ; Cv 0.33 GPM @ 1psi ΔP

Standard Materials

Body : Polyamide 6 + 15 % F. G.

Cover : Polyamide 6 + 30 % F G

Elastomers : NBR

Internals : Stainless Steel & Brass

Spring : Galvanized Steel

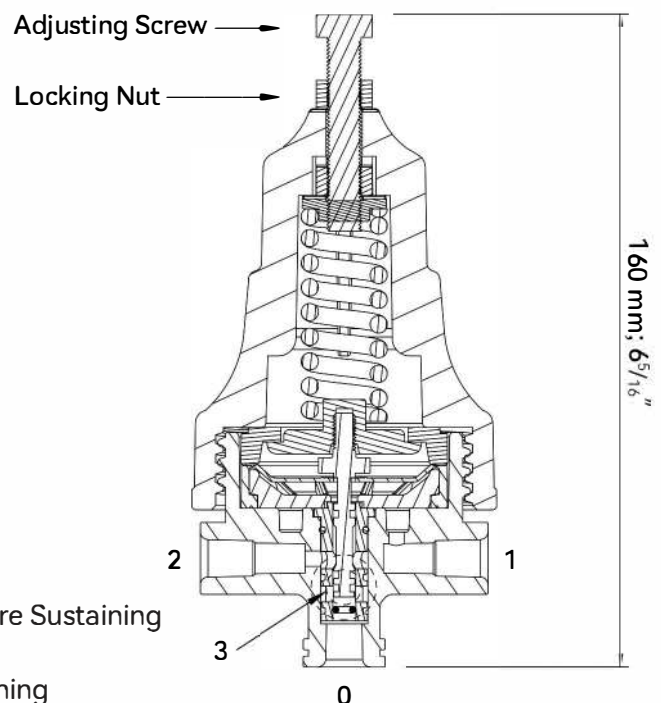
Ports : 1/8" BSP

Adjustment Range

Spring	Pressure	
	bar	psi
Standard	0.8-6.5	11-95

Connections

- 0 - Upstream-pressure Reducing / Flow Control, Vent : Pressure Sustaining
- 3 - Valve Control Chamber
- 2 - Vent : Pressure Reducing / FlowUpstream : Pressure Sustaining
- 1 - Sensing



Weight: 0.265KGS/0.57lbs