



Pressure Relief Pilot Valve

Model FP-3HC-R

The BERMAD FP-3HC-R is a high capacity diaphragm actuated Pressure Relief Pilot Valve.

This pilot valve is actuated by a pressure responsive, spring loaded diaphragm, which tends to reach equilibrium with the adjustable pre-set spring force, thereby relieving or sustaining the chosen pre-set inlet/upstream pressure value.

The FP-3HC-R is intended for use in the control loop of BERMAD large diameter pilot operated pressure relief / sustaining valves.



(for Illustration Only)



Features

- Internal pressure sensing
- Remote sensing, optional

Typical Applications

- Pilot valve for Relief Valves sizes 12-16" (model #3HC-R)
- Pilot valve for Differential Pressure Sustaining Valves sizes 12-16" (model #3HC-DR)

Technical Data

- Process connections: 3/4" ISO-7 Rp
- Pressure Rating: 25 bar (365 psi)
- Working Temperature: Water up to 80°C (180°F)

Standard Materials

- Body & Cover: Stainless Steel
- Elastomers: NBR
- Internals: Stainless Steel & Brass
- Spring: Galvanized Steel

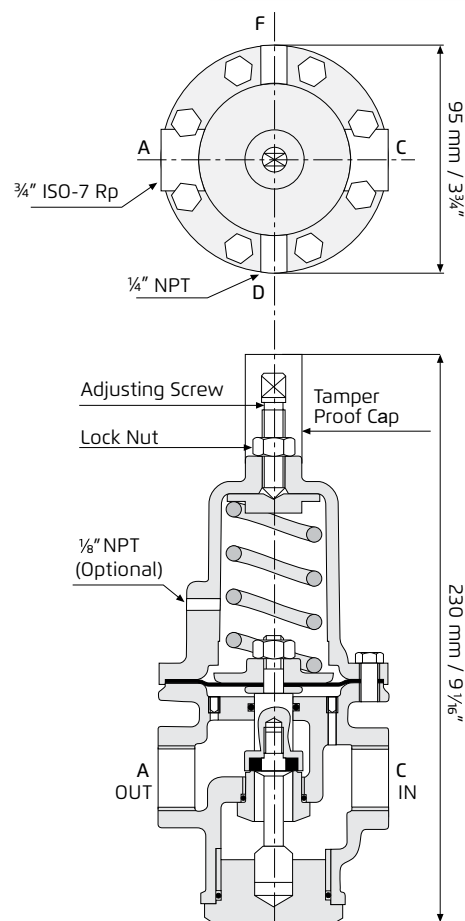
Optional Materials:

- All Stainless Steel 316, CF8M Body
- Nickel Aluminum Bronze ASTM B171 C63000
- Super Duplex S.S.

Adjustment Range

Spring	Pressure		
	bar	psi	
16	1-16	15-235	Standard
25*	7-25	100-365	Optional

* With high pressure setting kit



Weight: 3.4 Kg / 7.5 lbs.

* High pressure setting kit add 128 mm (5") to pilot height

