



Pressure Relief Valve

Model FP-3HC

The BERMAD FP-3HC is direct acting diaphragm type, Pressure Relief/ Pressure Sustaining Valve.

The single port 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.

When the FP-3HC is installed in a Relief/Sustaining circuit, it automatically modulates to open as upstream pressure reaches the chosen set point.

Features

- Internal pressure sensing
- Remote sensing, optional

Typical Applications

- Direct-Acting Water Pressure Relief Valve (model FP-3HC-0)
- 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: 1/2" NPT or 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.

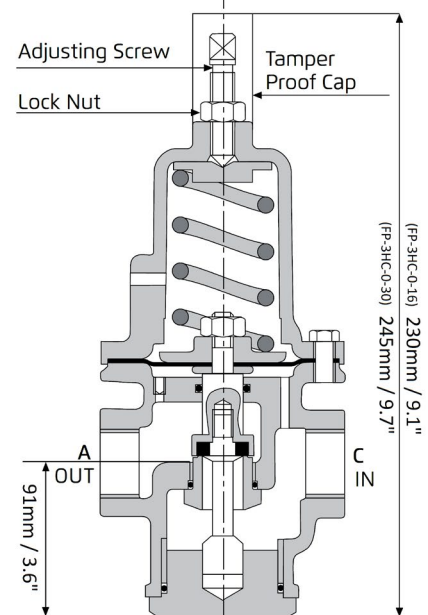
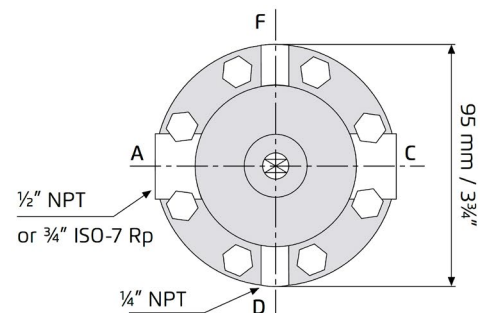
Adjustment Range

Spring	Pressure		
	bar	psi	
16	1-16	15-235	Standard
25*	2-25	30-365	Optional

* With high pressure setting kit



(for Illustration Only)



WEIGHT: FP-3HC-0-16 = 3.5 kg / 7.9 lbs
FP-3HC-0-30 = 4.2 kg / 9.3 lbs

