



PRESSURE RELIEF PILOT VALVE

Model #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 UL listed and FM approved pilot operated pressure relief / sustaining valves.

Features

- Internal or external pressure sensing
- Differential pressure sensing
- Non-tamper safety cap

Typical Applications

- Pressure Relief/Sustaining Valves (Standard model 3HC)
- Differential Pressure Sustaining (3HC-DR)

Technical Data

Pressure Rating: 365 psi

Water Temperature Range: 180 °F

Weight: 7.5 Lbs

Standard Materials:

Body: Stainless Steel

Cover: Stainless Steel

Elastomers: NBR

Internal Parts: Stainless Steel & Brass

Spring: Galvanized Steel

Optional Materials:

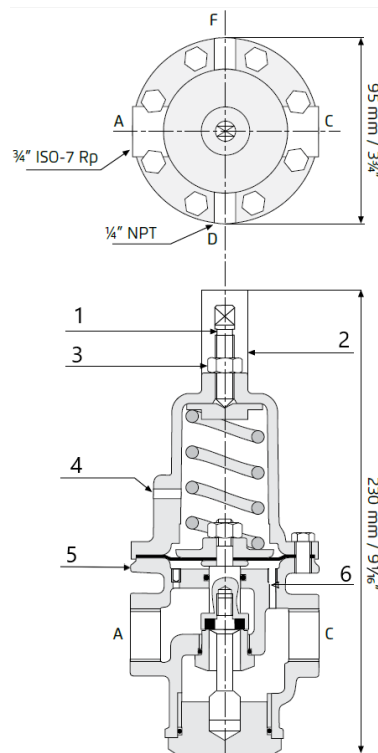
Body: Stainless Steel, Nickel Aluminum Bronze, Super Duplex

*Other materials are available on request

Adjustment Range:

Spring	Spring Color	Setting range
16	White	15-235 psi
30	Red & White	145-365 psi

* With high pressure setting kit (add 128 mm; 5" to pilot height)



Part	Description
1	Adjusting screw
2	Tamperproof cover
3	Locking nut
4	Optional differential sensing 1/8" NPT
5	Body
6	Internal sensing

Port	Size	Connections
D/F	1/4" NPT	Remote sensing (optional) or pressure gauge
A	3/4" ISO-7-Rp	Outlet
C	3/4" ISO-7-Rp	Inlet