

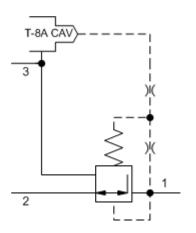


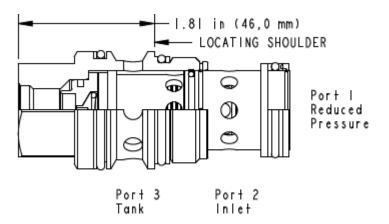
Pilot-operated, pressure reducing/relieving main stage with drilled piston orifice and integral T-8A control cavity

CAPACITY: 40 gpm / CAVITY: T-17A



sunhydraulics.com/model/PPHF8





This valve is a 3-way, normally open modulating element that incorporates an integral pilot control cavity. The pilot control cavity will accept any T-8A pressure control cartridge. The valve reduces a high primary pressure at the inlet (port 2) to a constant reduced pressure at port 1, with a full flow relief function from port 1 to tank (port 3). The pilot cartridge's setting determines the difference in pressure between reduced pressure (port 1) and the tank (port 3).

TECHNICAL DATA NOTE: DATA MAY VARY BY CONFIGURATION. SEE CONFIGURATION SECTION.

| Maximum Operating Pressure | 5000 psi |
|---|---------------------------|
| Control Pilot Flow | 15 - 20 in³/min. |
| Pilot Control Cavity | T-8A |
| Pilot Control Valve Hex Size | 7/8 in. |
| Pilot Control Valve Installation Torque | 20 - 25 lbf ft |
| Seal kit - Cartridge | Buna: 990-017-007 |
| Seal kit - Cartridge | Polyurethane: 990-017-002 |
| Seal kit - Cartridge | Viton: 990-017-006 |

NOTES: • Compound cartridge (pilot and main stage) assembly information is provided for reference only. Cartridges must be ordered separately and assembled at point of use.

CONFIGURATION OPTIONS

Model Code Example: PPHF8WN

MINIMUM CONTROL PRESSURE (W)

SEAL MATERIAL (N)

W 100 psi (7 bar)

N Buna-NE EPDM

25 psi (1,7 bar)

V Viton

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