



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              | 350 bar                 |
| Control Pilot Flow                      | 0,25 - 0,33 L/min.      |
| Pilot Control Cavity                    | T-8A                    |
| Pilot Control Valve Installation Torque | 27 - 33 Nm              |
| Pilot Control Valve Hex Size            | 22,2 mm                 |
| Seal kit - Cartridge                    | Buna: 990017007         |
| Seal kit - Cartridge                    | Polyurethane: 990017002 |
| Seal kit - Cartridge                    | Viton: 990017006        |

**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**

|                                     |                          |
|-------------------------------------|--------------------------|
| <b>MINIMUM CONTROL PRESSURE (W)</b> | <b>SEAL MATERIAL (N)</b> |
| <b>W</b> 100 psi (7 bar)            | <b>N</b> Buna-N          |
| <b>D</b> 25 psi (1,7 bar)           | <b>V</b> Viton           |