



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 | 0,16 - 0,25 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: 990202007 |
| Seal kit - Cartridge | EPDM: 990202014 |
| Seal kit - Cartridge | Polyurethane: 990002002 |
| Seal kit - Cartridge | Viton: 990202006 |

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: PPFB8WN

| MINIMUM CONTROL PRESSURE (W) | SEAL MATERIAL | (N) MATERIAL/COATING |
|------------------------------|---------------|---------------------------------|
| W 100 psi (7 bar) | N Buna-N | Standard Material/Coating |
| D 25 psi (1,7 bar) | E EPDM | IAP Stainless Steel, Passivated |
| | V Viton | |