



This valve is a normally closed modulating element that incorporates an integral pilot control cavity. It is a balanced poppet design. The pilot control cavity will accept any T-8A pressure control cartridge. When the pressure at the inlet (port 1) reaches the pilot control cartridge's setting, the poppet element starts to open to tank (port 2), throttling flow to regulate the pressure. The pilot cartridge's setting determines the difference in pressure between port 1 and port 2.

TECHNICAL DATA

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

| | |
|--|--------------------|
| Factory Pressure Settings Established at | 15 L/min. |
| Maximum Operating Pressure | 350 bar |
| Control Pilot Flow | 0,16 - 0,41 L/min. |
| Response Time - Typical | 7 ms |
| Pilot Control Cavity | T-8A |
| Pilot Control Valve Installation Torque | 27 - 33 Nm |
| Pilot Control Valve Hex Size | 22,2 mm |
| Main stage leakage at reseal | 0,7 cc/min. |
| Seal kit - Cartridge | Buna: 990310007 |
| Seal kit - Cartridge | EPDM: 990310014 |
| Seal kit - Cartridge | Viton: 990310006 |

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: RPES8WN

| MINIMUM CONTROL PRESSURE (W) | SEAL MATERIAL (N) |
|------------------------------|-------------------|
| W 100 psi (7 bar) | N Buna-N |
| D 50 psi (3,5 bar) | E EPDM |
| | V Viton |