



This valve is a 2-position, 2-way poppet cartridge that incorporates an integral pilot control cavity. It controls flow from port 2 to port 1, exhibits extremely low leakage rates and will accept 5000 psi (350 bar) at both ports. Installing a pilot solenoid cartridge in the T-8A cavity results in a high flow directional valve. Other pilot options include manual, hydraulic and pneumatic pilot cartridges.

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

|   |                        |
|---|------------------------|
| Maximum Operating Pressure                | 5000 psi               |
| Maximum Valve Leakage at 110 SUS (24 cSt) | 10 drops/min.@5000 psi |
| Pilot Control Cavity                      | T-8A                   |
| Pilot Control Valve Installation Torque   | 20 - 25 lbf ft         |
| Response Time - Typical                   | see pilot control ms   |
| Seal kit - Cartridge                      | Buna: 990-310-007      |
| Seal kit - Cartridge                      | EPDM: 990-310-014      |
| Seal kit - Cartridge                      | Viton: 990-310-006     |

**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: DFCB8NV

SEAL MATERIAL

(V)

- V Viton
- E EPDM
- N Buna-N