



This valve is a 2-position, 2-way poppet cartridge that incorporates an integral pilot control cavity. It controls flow from port 1 to port 2, 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.

CONFIGURATION

| | | |
|--------------------------------|-------------------|------------------|
| D | Cracking Pressure | 50 psi (3,5 bar) |
| N | Seal Material | Buna-N |
| (none) Material/Coating | | |

| | |
|---|----------------------|
| Maximum Operating Pressure | 350 bar |
| Maximum Valve Leakage at 110 SUS (24 cSt) | 0,7 cc/min.@350 bar |
| Pilot Control Cavity | T-8A |
| Pilot Control Valve Installation Torque | 27 - 33 Nm |
| Response Time - Typical | see pilot control ms |
| Seal kit - Cartridge | Buna: 990310007 |
| 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: DFCA8DN

| CRACKING PRESSURE | (D) SEAL MATERIAL | (N) MATERIAL/COATING |
|---------------------------|-----------------------------------|--|
| D 50 psi (3,5 bar) | N Buna-N V Viton | Standard Material/Coating /AP Stainless Steel, Passivated |