



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.

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
Seal kit - Cartridge	Buna: 990-018-007
Seal kit - Cartridge	EPDM: 990-018-014
Seal kit - Cartridge	Polyurethane: 990-018-002
Seal kit - Cartridge	Viton: 990-018-006

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: **DFFA8NV**

SEAL MATERIAL

(V)

MATERIAL/COATING

- V Viton
- E EPDM
- N Buna-N

- Standard Material/Coating
- IAP Stainless Steel, Passivated