



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.

### CONFIGURATION

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

### TECHNICAL DATA

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

Maximum Operating Pressure	350 bar
Maximum Valve Leakage at 110 SUS (24 cSt)	0,7 cc/min.@350 bar
Check Cracking Pressure	3,5 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: 990203007
Seal kit - Cartridge	Viton: 990203006

### 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: DFDA8DN**

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