



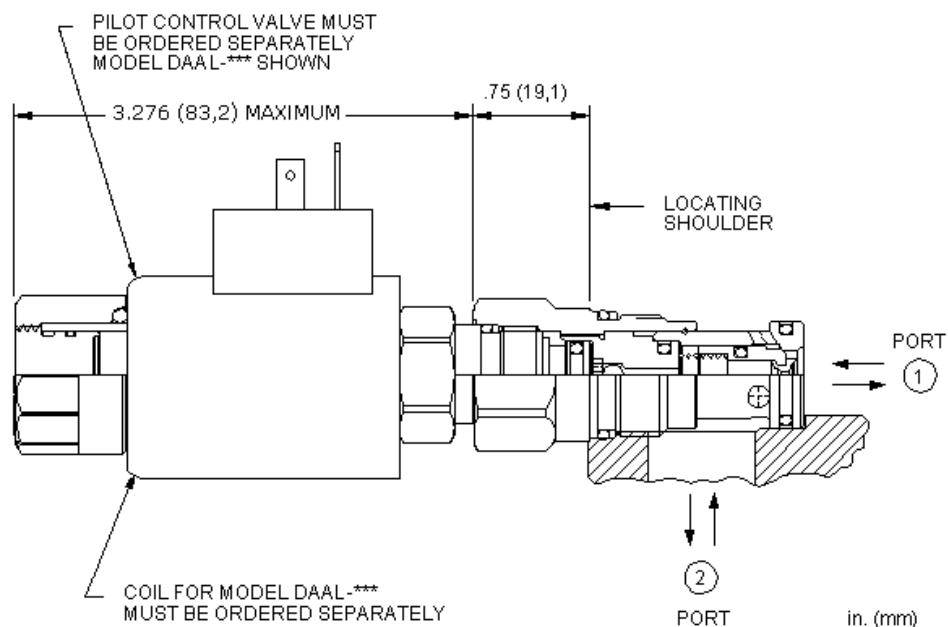
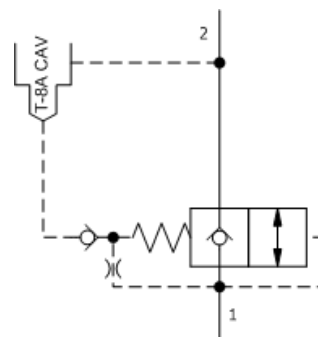
2-way, poppet directional valve with integral T-8A control cavity - control 1-2

Capacity:
15 gpm (60
L/min.)

Model:
DFCA

Product Description

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.

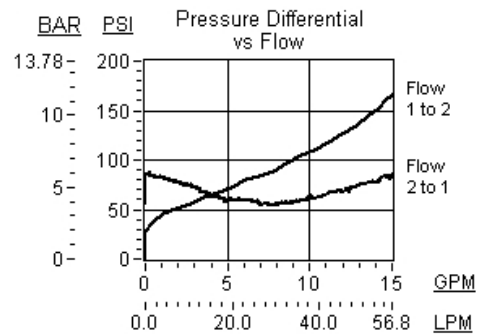


Technical Features

- NOTE: The main stage valve should first be installed to the correct torque value followed by the T-8A pilot control section into the main stage valve to its required torque value.
- The -8 control option allows the pilot control valve to be incorporated directly into the end of the directional cartridge via the T-8A cavity. These pilot control cartridges are sold separately and include solenoid operation, air pilot operation, and hydraulic pilot operation. See Pilot Control Cartridges.
- Incorporates the Sun floating style construction to minimize the possibility of internal parts binding due to excessive installation torque and/or cavity/cartridge machining variations.

Technical Data

	U.S. Units	Metric Units
Cavity	T-13A	
Capacity	15 gpm	60 L/min.
Maximum Operating Pressure	5000 psi	350 bar
Maximum Valve Leakage at 110 SUS (24 cSt)	10 drops/min.@5000 psi	0,7 cc/min.@350 bar
Pilot Control Cavity	T-8A	
Pilot Control Valve Installation Torque	20 - 25 lbf ft	27 - 33 Nm
Response Time - Typical	see pilot control ms	
Series (from Cavity)	Series 1	
Valve Hex Size	7/8 in.	22,2 mm
Valve Installation Torque	30 - 35 lbf ft	40 - 50 Nm
Seal Kits - Cartridge	Buna: 990-310-007	
Seal Kits - Cartridge	Viton: 990-310-006	
Model Weight	0.19 lb.	0.09 kg.



DFCA-8DN

Control	Cracking Pressure	Seal Material
Standard Options	Standard Options	Standard Options
8 T-8A Cavity	D 50 psi (3,5 bar)	N Buna-N V Viton