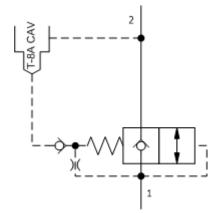
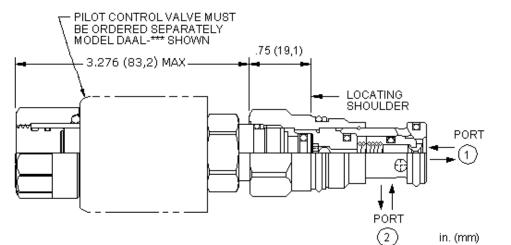


MODEL



sunhydraulics.com/model/DFCA8





## CONFIGURATION

Seal Material Material/Coating

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**

| 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                      | 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: DFCA8DN (V)

#### MATERIAL/COATING

V Viton

N Buna-N

SEAL MATERIAL

# Standard Material/Coating

IAP Stainless Steel, Passivated