

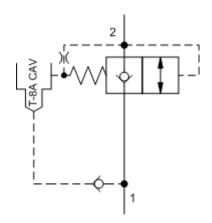
MODEL DFEB8

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

CAPACITY: 60 gpm / CAVITY: T-16A

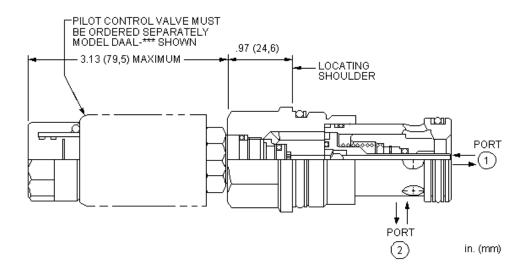


sunhydraulics.com/model/DFEB8



CONFIGURATION

Cracking Pressure
Seal Material



This valve is a 2-position, 2-way poppet cartridge that incorporates an integral pilot control cavity. It controls flow from port 2 to port 1, 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: 990-016-007 |
| Seal kit - Cartridge | Polyurethane: 990-016-002 |
| Seal kit - Cartridge | Viton: 990-016-006 |

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: DFEB8N

CRACKING PRESSURE (D) SEAL MATERIAL (N)

D 50 psi (3,5 bar)

N Buna-NE EPDM

V Viton

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