



This manually operated, 2-position, 2-way directional cartridge is a direct-acting, poppet-style valve used to control the direction of flow in a hydraulic circuit. The valve is available in either a normally open or normally closed configuration. Manual operation is achieved via Sun's Twist/Lock manual override mechanism and is designed for intermittent (infrequent) use only. Due to the poppet-style construction, this valve has extremely low leakage.

**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
Operating Torque	10 lbf in.
Seal kit - Cartridge	Buna: 990-413-007
Seal kit - Cartridge	Polyurethane: 990-413-002
Seal kit - Cartridge	Viton: 990-413-006

**CONFIGURATION OPTIONS**

**Model Code Example: DTDMCN**

**POPPET CONFIGURATION**

**(C) SEAL MATERIAL**

**(N)**

- C** Normally Closed
- H Normally Open

- N** Buna-N
- E EPDM
- V Viton