



CONFIGURATION

Control
Poppet Configuration
Seal Material

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

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

CONTROL

- L** Twist/Lock (Detent) Manual Override
- D** Twist/Lock (Dual) Manual Override
- T** Twist (Momentary) Manual Override

(L) POPPET CONFIGURATION

- H** Normally Open
- C** Normally Closed

(H) SEAL MATERIAL

(N)

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