



CONFIGURATION

Control
 Spool Configuration

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 only available in a 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. Many poppet style directional valves pass a small amount of fluid when the pressure across them changes suddenly. This is due to the compressibility of the fluid. This valve has been designed to prevent this from happening.

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: DTCMCN

CONTROL

(L)

SPOOL CONFIGURATION

(C)

L Twist/Lock (Detent) Manual Override

D Twist/Lock (Dual) Manual Override

T Twist (Momentary) Manual Override

C Normally Closed