



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.

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|---|-------------------------|
| Maximum Operating Pressure | 350 bar |
| Maximum Valve Leakage at 110 SUS (24 cSt) | 0,7 cc/min.@350 bar |
| Operating Torque | 1,2 Nm |
| Seal kit - Cartridge | Buna: 990413007 |
| Seal kit - Cartridge | Polyurethane: 990413002 |
| Seal kit - Cartridge | Viton: 990413006 |

CONFIGURATION OPTIONS

Model Code Example: DTDMLCN

| CONTROL | (L) | POPPET CONFIGURATION | (C) | SEAL MATERIAL | (N) |
|---------------------------------------|-----|----------------------|-----|---------------|-----|
| L Twist/Lock (Detent) Manual Override | | C Normally Closed | | N Buna-N | |
| D Twist/Lock (Dual) Manual Override | | H Normally Open | | E EPDM | |
| T Twist (Momentary) Manual Override | | | | V Viton | |