



This solenoid-operated 2-way, 2-position cartridge is a direct-acting, poppet-style directional valve. The valve is available in either a normally open or normally closed configuration. 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 | 250 bar |
| Maximum Valve Leakage at 110 SUS (24 cSt) | 0,7 cc/min.@210 bar |
| Manual Override Force Requirement | 66 N/100 bar @ Port 1 |
| Manual Override Stroke | 2,5 mm |
| Response Time - Typical | 50 ms |
| Switching Frequency | 15,000 max. cycles/hr |
| Seal kit - Cartridge | Buna: 990413007 |
| Seal kit - Cartridge | EPDM: 990413014 |
| Seal kit - Cartridge | Polyurethane: 990413002 |
| Seal kit - Cartridge | Viton: 990413006 |

CONFIGURATION OPTIONS
Model Code Example: DTDBXCN

| CONTROL | (X) SPOOL CONFIGURATION | (C) SEAL MATERIAL | (N) COIL * |
|-----------------------------|--------------------------|-------------------|---|
| X No Manual Override | C Normally Closed | N Buna-N | No coil |
| M Manual Override | H Normally Open | E EPDM | * Additional coil options are available |
| | | V Viton | |