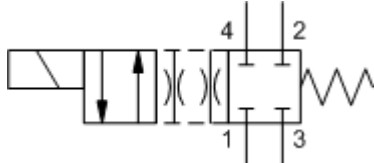
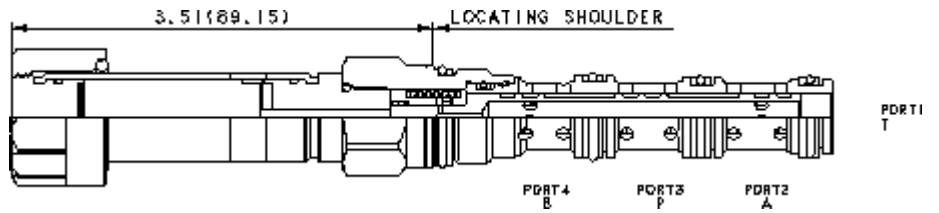


X-Control, N-Spool



X-Control, C-Spool



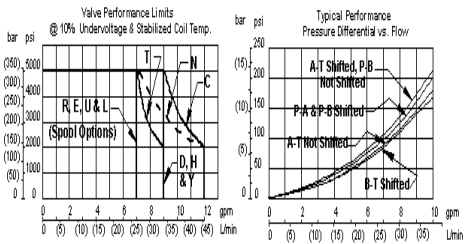
TECHNICAL DATA NOTE: DATA MAY VARY BY CONFIGURATION. SEE CONFIGURATION SECTION.

| | |
|---|-----------------------|
| cavidad | T-31A |
| Series | 1 |
| Capacity | 40 L/min. |
| Maximum Operating Pressure | 350 bar |
| Manual Override Force Requirement | 33 N/100 bar @ Port 1 |
| Manual Override Stroke | 2,5 mm |
| Maximum Valve Leakage at 110 SUS (24 cSt) | 160 cc/min.@210 bar |
| Response Time - Typical | 50 ms |
| Switching Frequency | 15,000 max. cycles/hr |
| Solenoid Tube Diameter | 19 mm |
| Valve Hex Size | 22,2 mm |
| Valve Installation Torque | 41 - 47 Nm |
| Model Weight | 0.34 kg. |
| Seal and nut kit - Coil | Viton: 990-770-006 |
| Seal kit - Cartridge | Buna: 990-431-007 |
| Seal kit - Cartridge | EPDM: 990-431-014 |
| Seal kit - Cartridge | Viton: 990-431-006 |
| Seal kit - Cartridge | Buna: 990-431-007 |
| Seal kit - Cartridge | EPDM: 990-431-014 |
| Seal kit - Cartridge | Viton: 990-431-006 |

OPTION SELECTION EXAMPLE: DNDAXNN

| CONTROL | (X) | SPOOL CONFIGURATION | (N) | SEAL MATERIAL | (N) | BOBINA | (936) |
|--|-----|--|-----|-----------------|-----|---------|-------|
| X No Manual Override | | N Through, Shift to Cross | | N Buna-N | | No Coil | |
| D Twist/Lock (Dual) Manual Override | | C Closed, Shift to Through | | E EPDM | | | |
| L Twist/Lock (Detent) Manual Override | | D Closed, Shift to Cross | | V Viton | | | |
| M activador manual | | E Cross, Shift to Closed | | | | | |
| T Twist (Momentary) Manual Override | | H Open, Shift to Cross | | | | | |
| | | J Open, Shift to Through | | | | | |
| | | L Cross, Shift to P to A, B and T Blocked | | | | | |
| | | R Regen, Shift to Cross | | | | | |
| | | S Regen, Shift to Through | | | | | |
| | | T Tandem, Shift to Through | | | | | |
| | | U Through, Shift to Tandem | | | | | |
| | | X Cross, Shift to Through | | | | | |
| | | Y Motor, Shift to Cross | | | | | |
| | | Z Motor, Shift to Through | | | | | |

PERFORMANCE CURVES



Note: Performance limits are derived with 4-way operation and symmetrical flow.
 For valve applications where either asymmetrical flow or 3-way operation is present, these performance limits may be reduced.