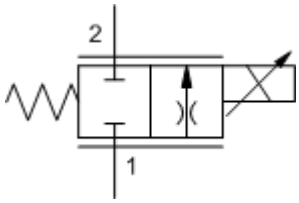


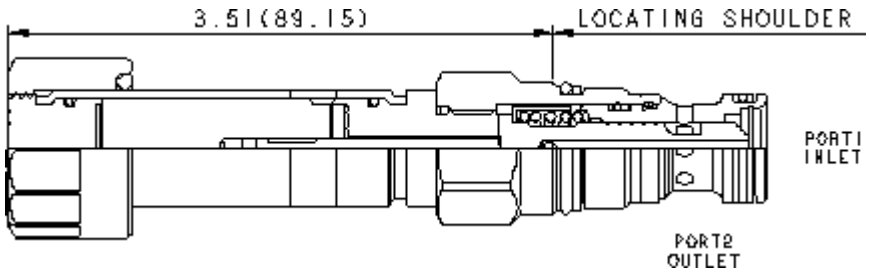


## PROPORTIONAL PERFORMANCE DATA

| | |
|---|---|
| Hysteresis (with dither) | <4% |
| Hysteresis with DC input | <8% |
| Linearity (with dither) | <2% |
| Repeatability (with dither) | <2% |
| Recommended dither frequency | 140 Hz |
| Deadband, nominal (as a percentage of input) | 25% |
| Seal kit - Cartridge | Buna: 990-413-007 |
| Seal kit - Cartridge | EPDM: 990-010-014 |
| Seal kit - Cartridge | Polyurethane: 990-413-002 |
| Seal kit - Cartridge | Viton: 990-413-006 |

## TECHNICAL DATA

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

| | |
|---|---|
| cavidad | T-13A |
| Series | 1 |
| Capacity | 40 L/min. |
| Manual Override Force Requirement | 33 N/100 bar @ Port 1 |
| Manual Override Stroke | 2,5 mm |
| Maximum Valve Leakage at 110 SUS (24 cSt) | 100 cc/min.@210 bar |
| Solenoid Tube Diameter | 19 mm |
| Valve Hex Size | 22,2 mm |
| Valve Installation Torque | 41 - 47 Nm |
| Model Weight (with coil) | 0,50 kg |
| Seal and nut kit - Coil | Viton: 990-770-006 |
| Seal kit - Cartridge | Buna: 990-413-007 |
| Seal kit - Cartridge | EPDM: 990-010-014 |
| Seal kit - Cartridge | Polyurethane: 990-413-002 |
| Seal kit - Cartridge | Viton: 990-413-006 |

## OPTION SELECTION EXAMPLE: FPCCXCN

| CONTROL | (X) |
|---|---|
| **X** | No Manual Override |
| **D** | Twist/Lock (Dual) Manual Override |
| **E** | Twist (Extended) Manual Override |
| **L** | Twist/Lock (Detent) Manual Override |
| **M** | activador manual |
| **T** | Twist (Momentary) Manual Override |

| FLOW RATE | (C) |
|---|---|
| **C** | .25 - 7 gpm (1 - 28 L/min.) |
| **A** | .1 - 1.5 gpm (0,4 - 6 L/min.) |
| **B** | .15 - 3.5 gpm (0,6 - 14 L/min.) |
| **D** | .25 - 10 gpm (1 - 40 L/min.) |

| SEAL MATERIAL | (N) |
|---|---|
| **N** | Buna-N |
| **E** | EPDM |
| **V** | Viton |

| BOBINA | (924) |
|---|---|
| | No Coil |
| **224NX01** | DIN 43650-Form A, 24 VDC, no transient voltage suppression (TVS) diodes, with XMD-01 driver |
| **224NX02** | DIN 43650-Form A, 24 VDC, no transient voltage suppression (TVS) diodes, with XMD-02 driver |
| **912NX01** | Deutsch DT04-2P, 12 VDC, no transient voltage suppression (TVS) diodes, with XMD-01 driver |
| **912NX02** | Deutsch DT04-2P, 12 VDC, no transient voltage suppression (TVS) diodes, with XMD-02 driver |
| **924NX01** | Deutsch DT04-2P, 24 VDC, no transient voltage suppression (TVS) diodes, with XMD-01 driver |
| **924NX02** | Deutsch DT04-2P, 24 VDC, no transient voltage suppression (TVS) diodes, with XMD-02 driver |

## PERFORMANCE CURVES