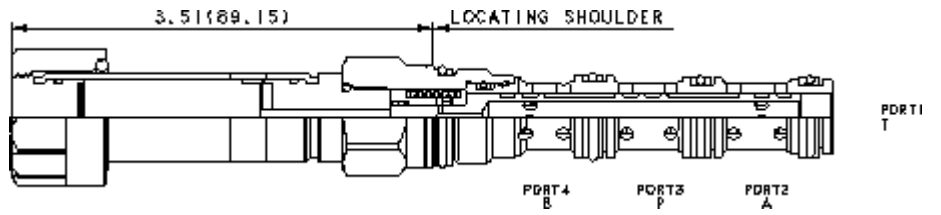


X-Control, N-Spool



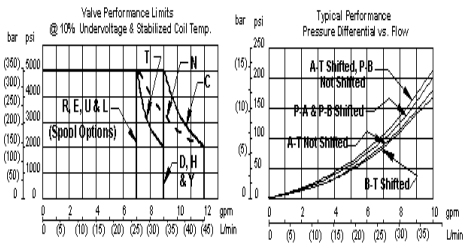
TECHNICAL DATA NOTE: DATA MAY VARY BY CONFIGURATION. SEE CONFIGURATION SECTION.

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

OPTION SELECTION EXAMPLE: DNDAXNN

CONTROL	(X)	SPOOL CONFIGURATION	(N)	SEAL MATERIAL	(N)	BOBINA	
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	212	DIN 43650-Form A, 12 VDC
L	Twist/Lock (Detent) Manual Override	D	Closed, Shift to Cross	V	Viton	224	DIN 43650-Form A, 24 VDC
M	activador manual	E	Cross, Shift to Closed			912	Deutsch DT04-2P, 12 VDC
T	Twist (Momentary) Manual Override	H	Open, Shift to Cross			924	Deutsch DT04-2P, 24 VDC
		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 2-symmetrical flow or 3-way operation is present, these performance limits may be reduced.