



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

cavidad	T-61A
Series	1
Capacity	20 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)	80 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	0.43 kg.
Seal and nut kit - Coil	Viton: 990-770-006
Seal kit - Cartridge	Buna: 990-461-007
Seal kit - Cartridge	EPDM: 990-461-014
Seal kit - Cartridge	Viton: 990-461-006

OPTION SELECTION EXAMPLE: DNDYXXN

CONTROL	(X) SPOOL CONFIGURATION	(X) SEAL MATERIAL	(N) BOBINA
X No Manual Override	X -	N Buna-N	No coil
D Twist/Lock (Dual) Manual Override		E EPDM	212 DIN 43650-Form A, 12 VDC
L Twist/Lock (Detent) Manual Override		V Viton	224 DIN 43650-Form A, 24 VDC
M activador manual			912 Deutsch DT04-2P, 12 VDC
T Twist (Momentary) Manual Override			924 Deutsch DT04-2P, 24 VDC

PERFORMANCE CURVES

Typical Performance Limits with Ports Looped

	5 to 6 to 1 to 2 (4 blocked)	5 to 4 to 3 to 2 (6 blocked)	2 to 1 to 6 to 5 (3 blocked)	2 to 3 to 4 to 5 (1 blocked)
5000 psi (350 bar)	2.2 gpm (8 l/min)	2.0 gpm (7.5 l/min)	2.2 gpm (8 l/min)	4.5 gpm (17 l/min)
4000 psi (280 bar)	2.5 gpm (9 l/min)	2.5 gpm (9 l/min)	3.0 gpm (11 l/min)	5.0 gpm (19 l/min)
3000 psi (210 bar)	3.4 gpm (13 l/min)	3.5 gpm (13 l/min)	3.4 gpm (13 l/min)	6.5 gpm (24.5 l/min)
2000 psi (140 bar)	4.8 gpm (18 l/min)	4.5 gpm (17 l/min)	4.0 gpm (15 l/min)	9.0 gpm (34 l/min)
1000 psi (70 bar)	8.5 gpm (32 l/min)	6.5 gpm (24.5 l/min)	5.4 gpm (20 l/min)	10+ gpm (38 l/min)

