



This manually operated, 2-position, 4-way directional cartridge is a direct-acting, balanced spool valve used to control the direction of flow in a hydraulic circuit. Manual operation is achieved via Sun's Twist/Lock manual override mechanism and is designed for intermittent (infrequent) use only.

TECHNICAL DATA

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

Maximum Operating Pressure	350 bar
Maximum Valve Leakage at 110 SUS (24 cSt)	160 cc/min.@210 bar
Operating Torque	1,2 Nm
Seal kit - Cartridge	Buna: 990431007
Seal kit - Cartridge	EPDM: 990431014
Seal kit - Cartridge	Viton: 990431006

CONFIGURATION OPTIONS

Model Code Example: DNDMLNN

CONTROL	(L)	SPOOL CONFIGURATION	(N)	SEAL MATERIAL	(N)
L Twist/Lock (Detent) Manual Override		N Through, Shift to Cross		N Buna-N	
D Twist/Lock (Dual) Manual Override		C Closed, Shift to Through		E EPDM	
T Twist (Momentary) Manual Override		D Closed, Shift to Cross		V Viton	
		E Cross, Shift to Closed			
		H Open, Shift to Cross			
		L Cross, Shift to P to A, B and T Blocked			
		R Regen, Shift to Cross			
		T Tandem, Shift to Through			
		U Through, Shift to Tandem			
		Y Motor, Shift to Cross			