


CONFIGURATION

H Poppet Configuration	Normally Open
N Seal Material	Buna-N
224 Coil	DIN 43650-Form A, 24 VDC

This solenoid-operated 2-way, 2-position cartridge is a direct-acting, poppet-style valve with a soft shift feature. The soft shift feature greatly reduces system shock due to valve actuation. The valve is available in either a normally open or normally closed configuration. Due to its poppet-style construction, this valve has extremely low leakage.

TECHNICAL DATA

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

Maximum Operating Pressure	350 bar
Maximum Valve Leakage at 110 SUS (24 cSt)	0,7 cc/min.@350 bar
Manual Override Force Requirement	33 N/100 bar @ Port 1
Manual Override Stroke	2,5 mm
Seal kit - Cartridge	Buna: 990413007
Seal kit - Cartridge	EPDM: 990413014
Seal kit - Cartridge	Polyurethane: 990413002
Seal kit - Cartridge	Viton: 990413006

NOTES

- Please verify cartridge clearance requirements when choosing a Sun manifold. Different valve controls and coils require different clearances.
- An additional 2.00 inches (50,8 mm) beyond the valve extension is needed for coil installation and removal.

CONFIGURATION OPTIONS
Model Code Example: DTDASHN224

POPPET CONFIGURATION	(H)	SEAL MATERIAL	(N)	COIL *	(224)
H Normally Open		N Buna-N		224 DIN 43650-Form A, 24 VDC	
C Normally Closed		E EPDM		No coil	
		V Viton		212 DIN 43650-Form A, 12 VDC	
				912 Deutsch DT04-2P, 12 VDC	
				924 Deutsch DT04-2P, 24 VDC	

* Additional coil options are available