



This solenoid-operated 4-way, 2-position cartridge is a direct-acting, balanced spool directional valve with a soft shift feature. The soft shift feature greatly reduces system shock due to valve actuation.

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

Maximum Operating Pressure	5000 psi
Manual Override Force Requirement	5 lbs/1000 psi @ Port 1
Manual Override Stroke	.10 in.
Maximum Valve Leakage at 110 SUS (24 cSt)	10 in ³ /min. @3000 psi
Seal kit - Cartridge	Buna: 990-431-007
Seal kit - Cartridge	EPDM: 990-431-014
Seal kit - Cartridge	Viton: 990-431-006

- 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: **DNDASNN**

SPOOL CONFIGURATION	(N)	SEAL MATERIAL	(N)	COIL *
N Through, Shift to Cross	N	Buna-N		No coil
C Closed, Shift to Through	E	EPDM		* Additional coil options are available
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				