



Two-position, 3-way directional cartridges are 6-port (port 5 is not used) directional valves that can be configured with up to 5 different spool configurations. The supply port is port 3 and all ports will accept 5000 psi (350 bar). Capacity for these pilot-to-shift valves is dependent on the spool type specified.

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

Maximum Operating Pressure	5000 psi
Minimum Pilot Pressure Required to Shift Valve	145 psi
Pilot Pressure Required for Full Shift at Rated Flow	290 psi
Maximum Valve Leakage at 110 SUS (24 cSt)	2 in <sup>3</sup> /min.@1000 psi
Pilot Volume Displacement	.05 in <sup>3</sup>
Seal kit - Cartridge	Buna: 990-052-007
Seal kit - Cartridge	Viton: 990-052-006

**CONFIGURATION OPTIONS**

**Model Code Example: DDDGXCN**

CONTROL	(X)	SPOOL CONFIGURATION	(C)	SEAL MATERIAL	(N)	MATERIAL/COATING
<b>X</b> Not Adjustable		<b>C</b> Closed Crossover		<b>N</b> Buna-N		Standard Material/Coating
		<b>O</b> Open Crossover		<b>V</b> Viton		<b>/AP</b> Stainless Steel, Passivated
		<b>R</b> Restricted Crossover				<b>/LH</b> Mild Steel, Zinc-Nickel
		<b>Y</b> All Ports Blocked				
		<b>Z</b> All Ports Open				