



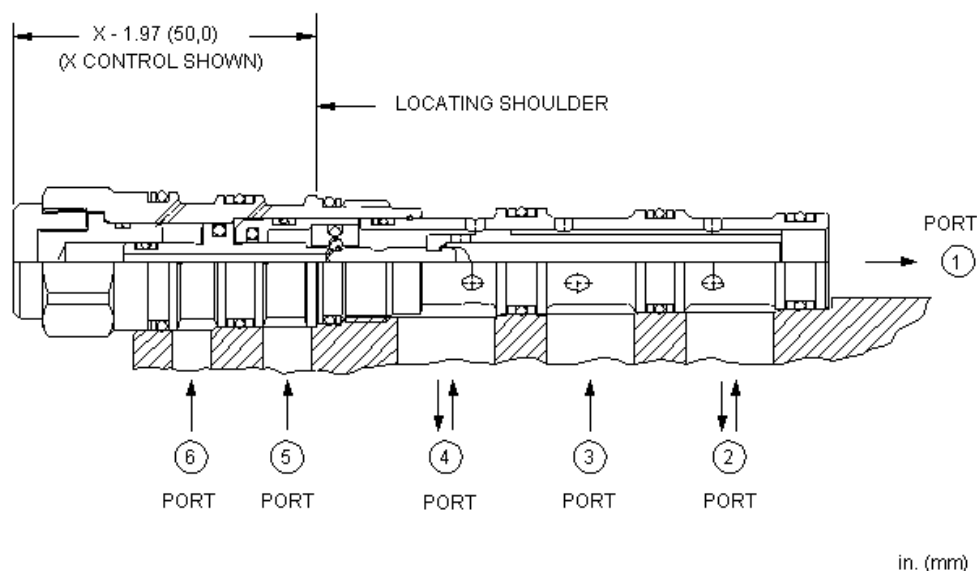
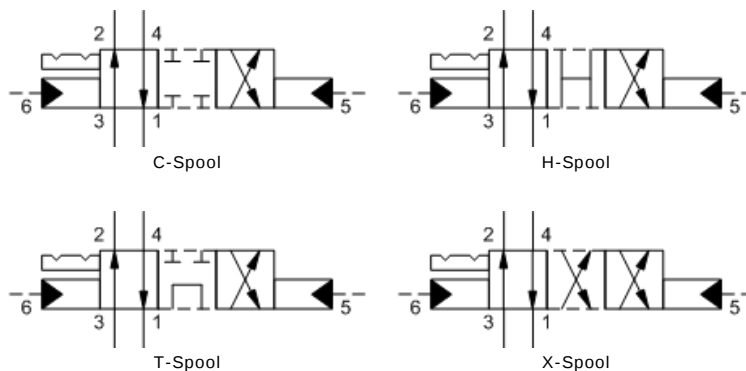
4-way, 2-position, pilot-to-shift, detented, directional valve

Capacity:
10 - 13 gpm (40 - 50 L/min.)

Model:
DCCD

Product Description

Two-position, detented, 4-way directional cartridges are 6-port directional valves that can be configured with up to 3 different spool options. 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.

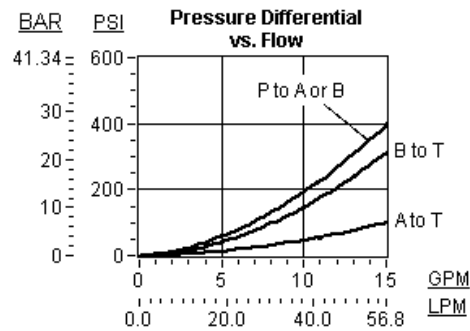


Technical Features

- All ports will accept 5000 psi (350 bar), including the x and y pilot ports (port 5 and port 6).
- Leakage listed in technical data is for each path.
- The pilot ports, 5 and 6, are positively sealed from the work ports.
- Hardened spool and sleeve provide consistent and low spool leakage rates and excellent wear characteristics.
- Incorporates the Sun floating style construction to minimize the possibility of internal parts binding due to excessive installation torque and/or cavity/cartridge machining variations.

Technical Data

	U.S. Units	Metric Units
Cavity	T-61A	
Capacity	10 - 13 gpm	40 - 50 L/min.
Minimum Pilot Pressure Required to Shift Valve	175 psi	12 bar
Maximum Operating Pressure	5000 psi	350 bar
Maximum Valve Leakage at 110 SUS (24 cSt)	2 in ³ /min.@1000 psi	30 cc/min.@70 bar
Pilot Volume Displacement	.05 in ³	0,82 cc
Series (from Cavity)	Series 1	
Valve Hex Size	7/8 in.	22,2 mm
Valve Installation Torque	30 - 35 lbf ft	40 - 50 Nm
Seal Kits - Cartridge	Buna: 990-061-007	
Seal Kits - Cartridge	Viton: 990-061-006	
Model Weight	0.45 lb.	0.20 kg.



DCCD-XCN

Control	Spool Configuration	Seal Material
Standard Options	Standard Options	Standard Options
X Standard Pilot	C Blocked Crossover	N Buna-N
	H Open Crossover	V Viton
	T Tandem Crossover	
	X P to B and A to T Crossover	