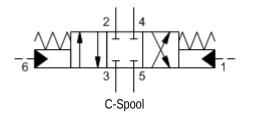


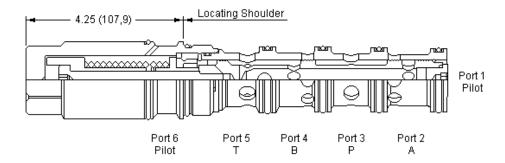
4-way, 3-position, pilot-to-shift directional valve

CAPACITY: 80 gpm / CAVITY: T-54A



sunhydraulics.com/model/DDHC





in (mm)

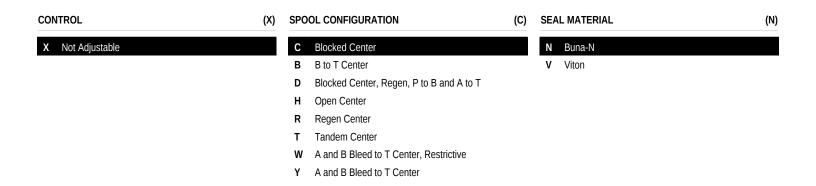
Three-position, 4-way directional cartridges are spring-centered, 6-port directional valves that can be configured from a choice of spool options. The supply port is port 3 and all ports will accept 5000 psi (350 bar). Capacity for these pilot-to-shift valves is dependent on the spool type specified.

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

Cavity	T-54A
Series	4
Capacity	80 gpm
Maximum Operating Pressure	5000 psi
Minimum Pilot Pressure Required to Shift Valve	200 psi
Maximum Valve Leakage at 110 SUS (24 cSt)	5 in³/min.@1000 psi
Pilot Volume Displacement	.26 in ³
Valve Hex Size	1 5/8 in.
Valve Installation Torque	350 - 375 lbf ft
Model Weight	5.9 lb
Seal kit - Cartridge	Buna: 990-054-007
Seal kit - Cartridge	Viton: 990-054-006

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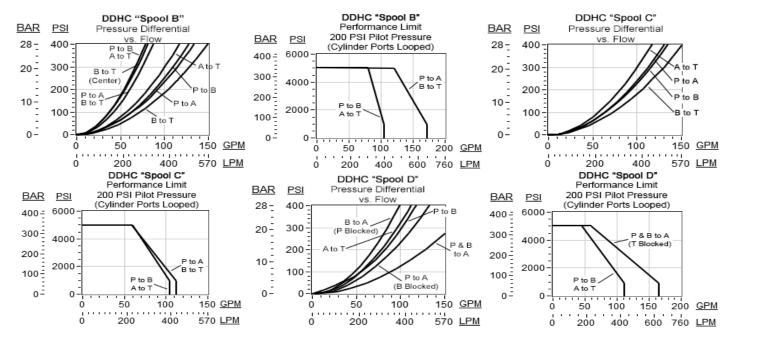
OPTION SELECTION EXAMPLE: DDHCXCNV



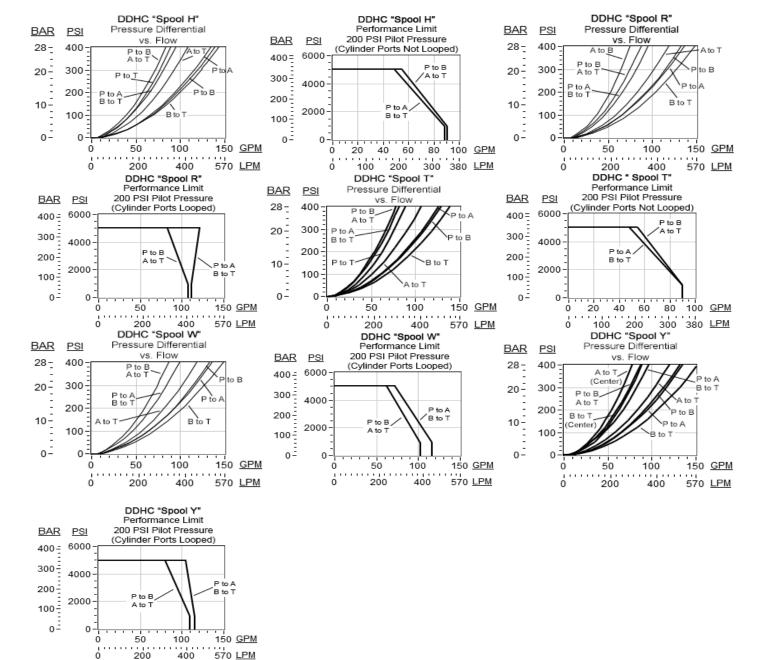
TECHNICAL FEATURES

- 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.
- 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.
- All ports will accept 5000 psi (350 bar), including the x and y pilot ports (port 1 and port 6).

PERFORMANCE CURVES



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