

3-way, 2-position, pilot-to-shift, directional valve

Capacity:

80 gpm (320 L/min.)

Functional Group:

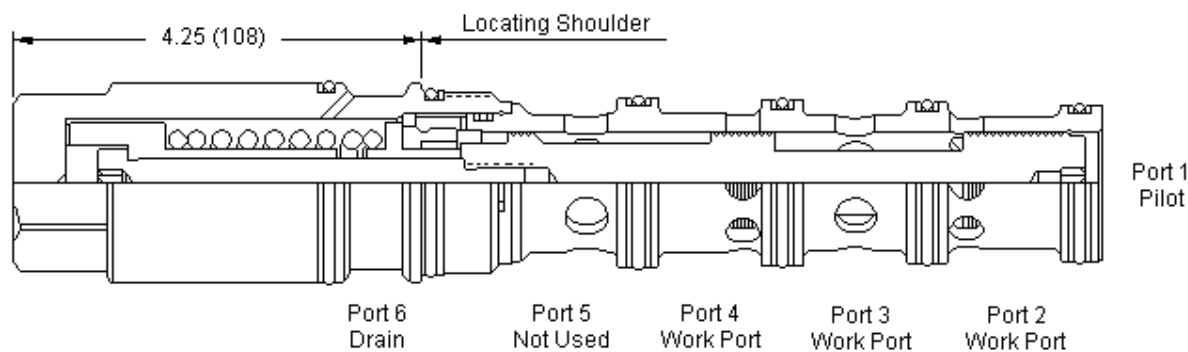
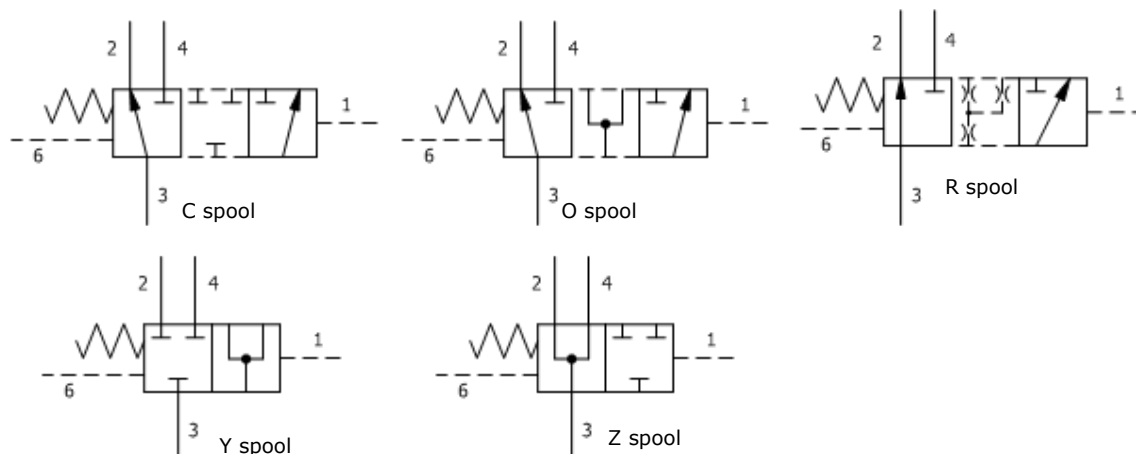
Products : Cartridges : Directional : 3 Way : 2 Position, 3-way, Pilot to Shift

Model:

DDHG

Product Description

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.



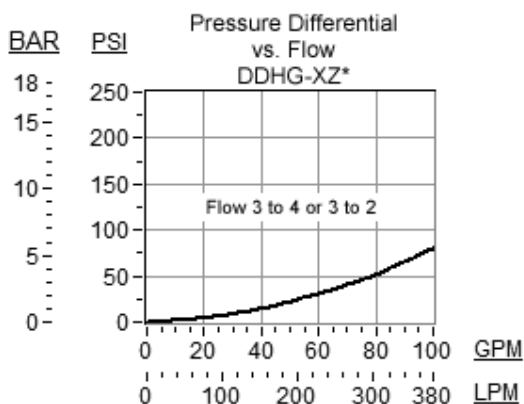
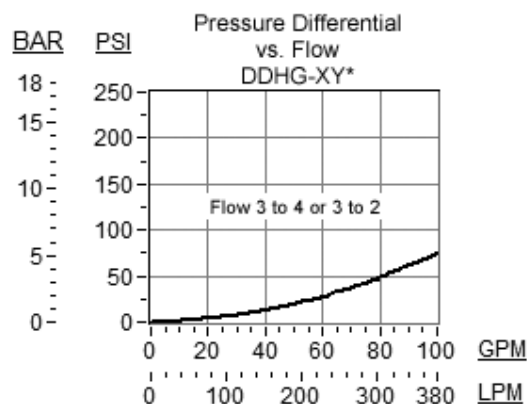
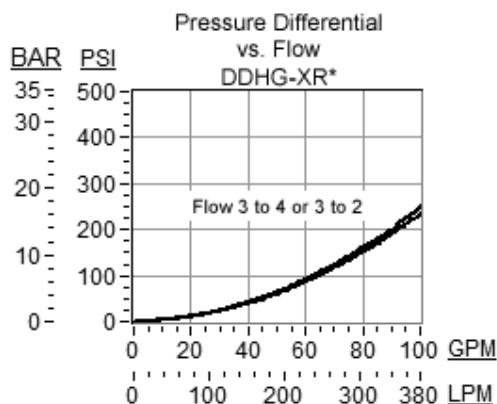
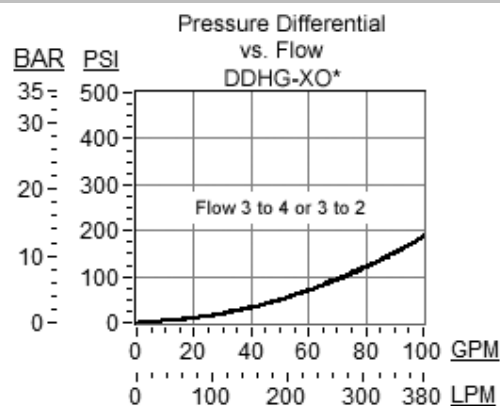
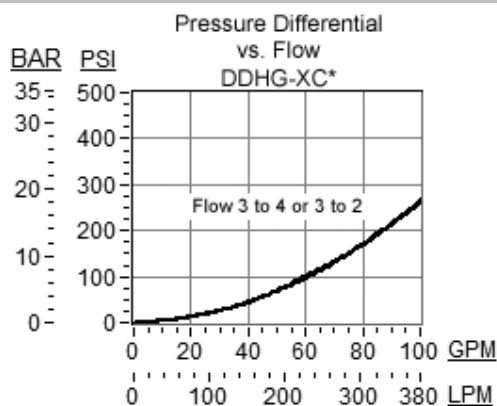
in (mm)

Technical Features

- Leakage listed in technical data is for each path.
- Pressure at port 6 directly opposes port 1.
- 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-54A	
Capacity	80 gpm	320 L/min.
Minimum Pilot Pressure Required to Shift Valve	300 psi	20 bar
Pilot Pressure Required for Full Shift at Rated Flow	350 psi	24 bar
Maximum Operating Pressure	5000 psi	350 bar
Maximum Valve Leakage at 110 SUS (24 cSt)	3 in ³ /min. @ 1000 psi	50 cc/min. @ 70 bar
Pilot Volume Displacement	.27 in ³	4,4 cc
Series (from Cavity)	Series 4	
Valve Hex Size	1 5/8 in.	41,3 mm
Valve Installation Torque	350 - 375 lbf ft	475 - 508 Nm
Seal Kits - Cartridge	Buna: 990-054-007	
Seal Kits - Cartridge	Viton: 990-054-006	
Model Weight	5.88 lb.	2.67 kg.



DDHG-XCN

Control

Standard Options

X Not Adjustable

Spool Configuration

Standard Options

C Closed Crossover
O Open Crossover
R Restricted Crossover
Y All Ports Blocked
Z All Ports Open

Seal Material

Standard Options

N Buna-N
V Viton