DG-S4D DIRECT ACTING SPOOL, 4 WAY 2 POSITION, CRISS CROSS

1 2 3

DESCRIPTION

10 size, 7/8-14 thread, "Delta" series, solenoid operated, 4 way 2 position, criss cross, bottom flow spool valve.

OPERATION

When de-energized the DG-S4D allows flow from (4) to (1), and (3) to (2). When energized the valve allows flow from (4) to (3) and (1) to (2).

OPERATION OF MANUAL OVERRIDE OPTION: to override, pull knob out. On the detented version, after pulling knob out twist 180 degrees and release. The valve will remain in that position.

FEATURES

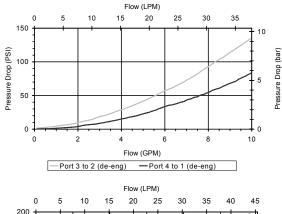
- Hardened parts for long life.
- · Efficient wet-armature construction.
- Cartridges are voltage interchangeable.
- Manual override option.
- · Industry common cavity.
- · Unitized, molded coil design.
- · Continuous duty rated solenoid.
- Optional coil voltages and terminations.
- Optional "I" Coil: Weatherproof, Thermal Shock, Immersion Safe.

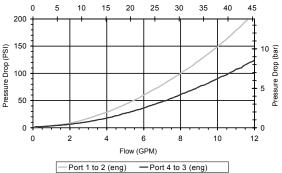


For higher pressures see HG-S4D. Operational shift limit, 6 GPM (23 LPM). For shift performance consult chart.

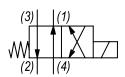
PERFORMANCE

Actual Test Data (Cartridge Only)





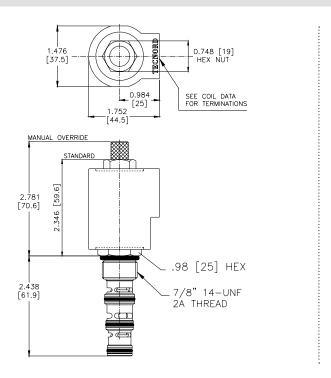
HYDRAULIC SYMBOL

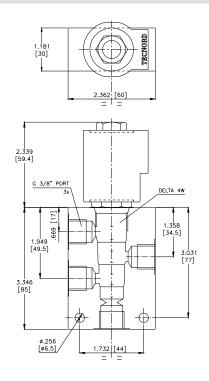


VALVE SPECIFICATIONS	
Nominal Flow	6 GPM (23 LPM)
Rated Operating Pressure	3000 PSI (207 bar)
Typical Internal Leakage (150 SSU)	5 cu in/min (82 ml/min) per path
Viscosity Range	36 to 3000 SSU (3 to 647 cSt)
Filtration	ISO 18/16/13
Media Operating Temp. Range	-40° to 250°F (-40° to 120°C)
Weight	.31 lbs (.14 kg)
Operating Fluid Media	General Purpose Hydraulic Fluid
Cartridge Torque Requirements	30 ft-lbs (40.6 Nm)
Coil Nut Torque Requirements	4-6 ft-lbs (5.4-8.1 Nm)
Cavity	DELTA 4W
Cavity Tools Kit	
(form tool, reamer, tap)	40500002
Seal Kit	21191214

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DIMENSIONS





DIM

"I" Coil Metri-Pack - Integral

ORDERING INFORMATION

Approximate Coil Weight: .56 lbs (.25 kg) DG-S4D **BODIES OPTIONS** Buna Standard 00 Blank Without Body Viton Standard V0 3/8" BSP Ports Buna, Override, Detent #6 SAE Ports ОМ S Viton, Override, Detent VM **VOLTAGE** (other voltages available on request) 12 12 VDC 24 24 VDC 22 220 VAC without internal rectifier **"V" COIL TERMINATION** (All DC Except as Noted) **IMMERSION PROOF "D" TYPE DL** Double Lead HC DIN 43650 (Hirschmann) - (AC&DC) DΙΑ "I" Coil AMP Superseal - Integral (several types of termination can be DI Deutsch - Integral DT04-2P DID "I" Coil Deutsch - Integral DT04-2P DIJ "I" Coil AMP Jr. Timer - Integral attached on leads on request)

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