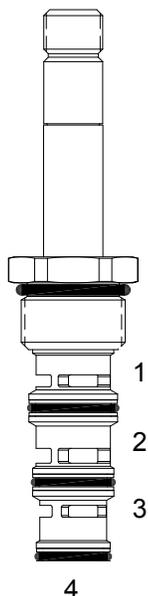


DG-S4B DIRECT ACTING SPOOL, 4 WAY 2 POSITION, CLOSED CENTER



DESCRIPTION

10 size, 7/8-14 thread, "Delta" series, solenoid operated, 4 way 2 position, closed center spool valve.

OPERATION

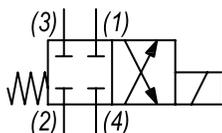
When de-energized the DG-S4B blocks flow at all ports. When energized the valve allows flow from (2) to (1) and (3) to (4).

OPERATION OF MANUAL OVERRIDE OPTION: to override, turn the manual override screw counterclockwise. To release turn the manual override screw clockwise.

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.

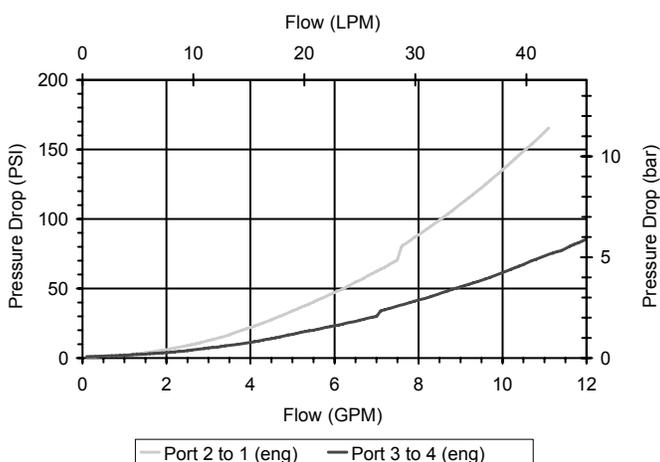
HYDRAULIC SYMBOL



For higher pressures see HG-S4B. Operational shift limit, 10 GPM (38 LPM). For shift performance consult chart.

PERFORMANCE

Actual Test Data (Cartridge Only)



VALVE SPECIFICATIONS

Nominal Flow	10 GPM (38 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	.32 lbs (.15 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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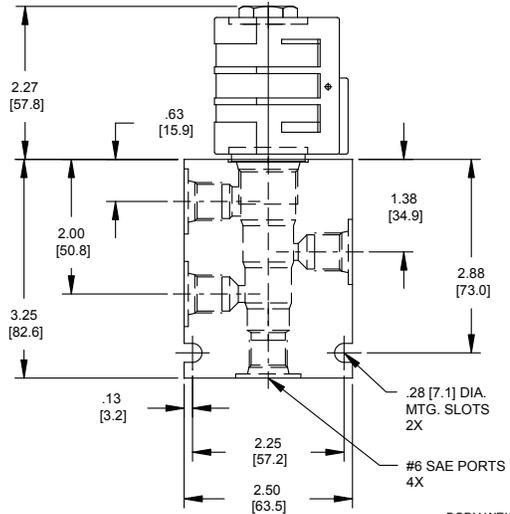
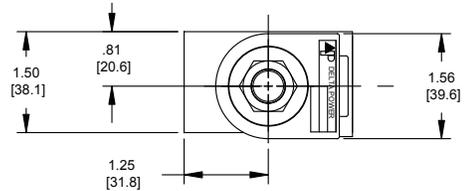
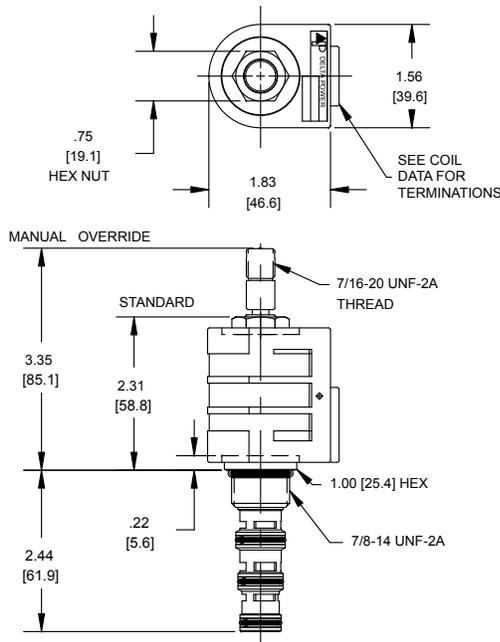
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SOLENOID OPERATED DIRECTIONAL CONTROLS

DIMENSIONS



BODY WEIGHT: .99 lbs (.45 kg)

ORDERING INFORMATION

Approximate Coil Weight: .74 lbs (.33 kg)

DG-S4B

OPTIONS	
Buna Standard	00
Viton Standard	V0
Buna, Override, Detent	0M
Viton, Override, Detent	VM
Buna, Override, Non-detent	B1
Viton, Override, Non-detent	V1

BODIES	
Blank	Without Body
N	1/4 NPTF Ports
S	#6 SAE Ports

VOLTAGE	
06	6 VDC
12	12 VDC
24	24 VDC
36	36 VDC
48	48 VDC
25	24 VAC
11	120 VAC
22	220 VAC
44	440 VAC

"D" COIL TERMINATION (All DC Except as Noted)

DL Double Lead
DT Deutsch on Leads DT04-2P
ML Metri-Pack on Leads
PL Packard on Leads
WL Weatherpack on Leads

SS Single Spade
DS Double Spade
HC DIN 43650 (Hirschmann) - (AC&DC)
CL Conduit Lead - (AC Only)
DI Deutsch - Integral DT04-2P

IMMERSION PROOF "D" TYPE	
IA	"I" Coil AMP Superseal - Integral
ID	"I" Coil - Deutsch - Integral DT04-2P
IJ	"I" Coil AMP Jr. Timer - Integral
IM	"I" Coil - Metri-Pack - Integral

W 26 / 2019

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