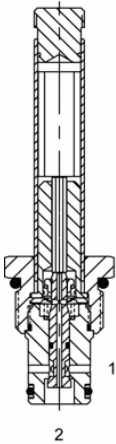




DE-S2I Poppet, 2 Way, Normally Closed, Bi-Directional

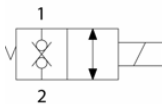


DESCRIPTION
10 size, 7/8-14 thread, "Delta" series, solenoid operated, 2 way normally closed, bi-directional poppet valve.

OPERATION
When de-energized the DE-S2I blocks flow from (1) to (2) and (2) to (1). When energized the valve allows flow from (1) to (2) and (2) to (1).
OPERATION OF MANUAL OVERRIDE OPTION: To override, turn the manual override screw clockwise. To release turn the manual override screw counter-clockwise.

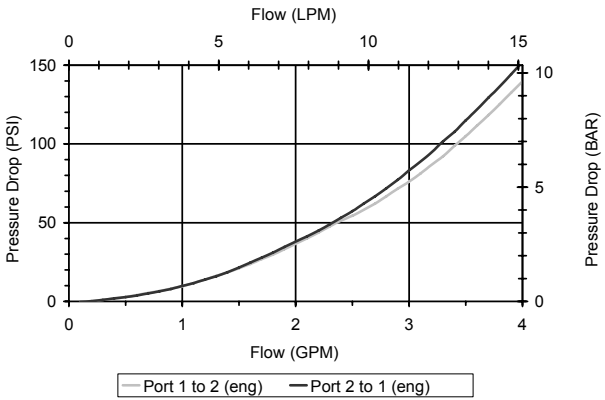
- FEATURES**
- Hardened parts for long life.
 - Efficient wet-armature construction.
 - Cartridges are voltage interchangeable.
 - Manual override option.
 - Industry common cavity.
 - Unitized, molded coil design.
 - Continuous duty rated solenoid.
 - Optional coil voltages and terminations.
 - Optional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

HYDRAULIC SYMBOL



Higher pressure or higher flow capable, consult factory for options.
For Higher flow see DE-S2L.

PERFORMANCE
Actual Test Data (Cartridge Only)



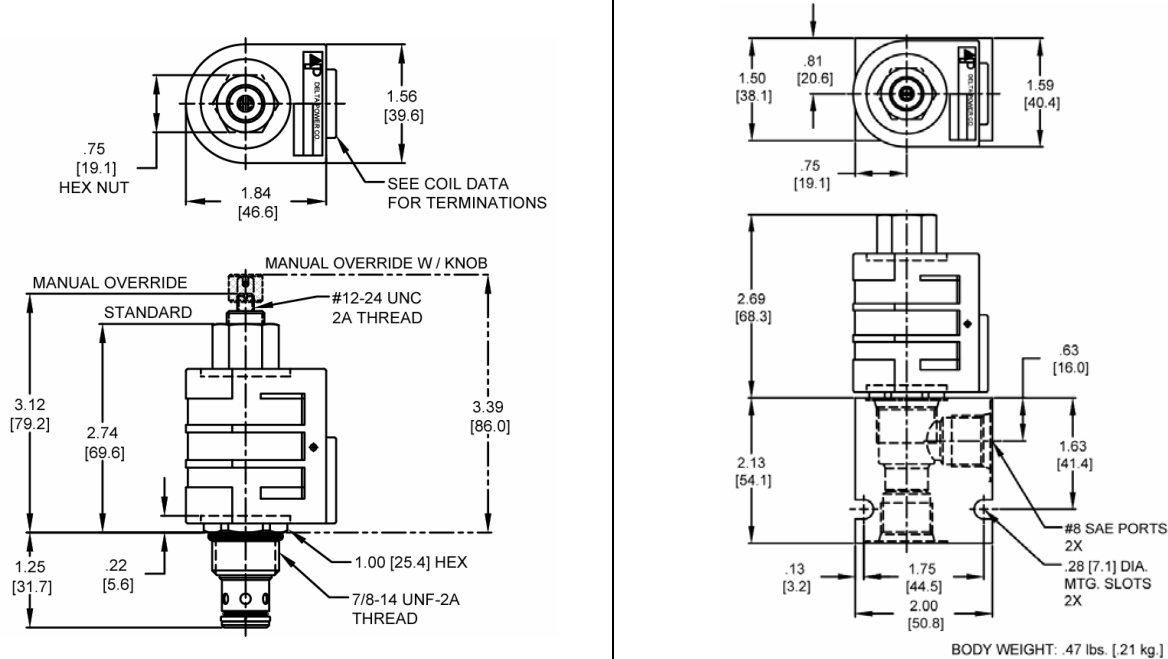
VALVE SPECIFICATIONS	
Nominal Flow	3 GPM (11 LPM)
Rated Operating Pressure	3000 PSI (207 bar)
Typical Internal Leakage (150 SSU)	0-10 drops/min
Viscosity Range	36 to 3000 SSU (3 to 647 cSt)
Filtration	ISO 18/16/13
Media Operating Temperature Range	-40° to 250° F (-40° to 120° C)
Weight	.21 lbs. (.09 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 2W
Cavity Form Tool (Finishing)	40500000
Seal Kit	21191202

DES2I00

Solenoid Operated Directional Controls



DIMENSIONS



ORDERING INFORMATION

DE-S2I -

OPTIONS

Buna Standard	00
Viton Standard	V0
Buna, Override	OM
Viton, Override	VM
Buna, Override, Knob	OK
Viton, Override, Knob	VK
Buna, Screen	A0
Viton, Screen	W0
Buna, Screen, Override	B2
Viton, Screen, Override	V2
Buna, Screen, Override, Knob	B5
Viton, Screen, Override, Knob	V5

Note: Use screen only if flow direction is from (1) to (2).

"D" COIL TERMINATION

(All DC Except as Noted)

DL	Double Lead	SS	Single Spade	IA	"I" Coil AMP Superseal - Integral
DT	Deutsch on Leads DT04-2P	DS	Double Spade	ID	"I" Coil Deutsch - Integral DT04-2P
ML	Metri-Pack on Leads	HC	DIN 43650 (Hirschman) - (AC & DC)	IJ	"I" Coil AMP Jr. Timer - Integral
PL	Packard on Leads	CL	Conduit Lead - (AC Only)	IM	"I" Coil Metri-Pack - Integral
WL	Weatherpack on Leads	DI	Deutsch - Integral DT04-2P		

Approximate Coil Weight: .72 lbs. (.32 kg.)

BODIES

Blank	Without Body
N	3/8 NPTF Ports
S	#8 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

IMMERSION PROOF "D" TYPE