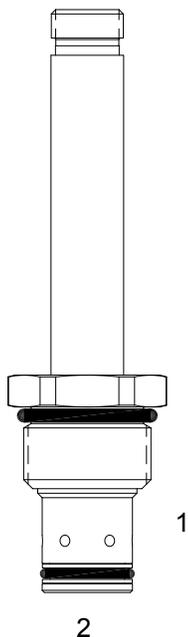


DE-S2I DIRECT ACTING POPPET, 2 WAY, NORMALLY CLOSED, BIDIRECTIONAL



DESCRIPTION

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

OPERATION

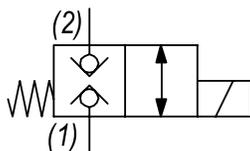
When de-energized the DE-S2I blocks flow from (1) to (2) and (2) to (1). When energized the valve allows flow from (1) to (2) and (2) to (1).

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.

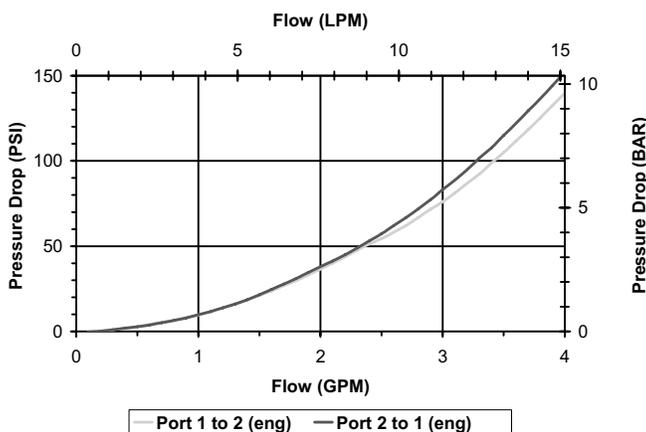
HYDRAULIC SYMBOL



For higher flows & pressures use Power Cavity HB-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 Temp. 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 Tools Kit	
(form tool, reamer, tap)	40500000
Seal Kit	21191202

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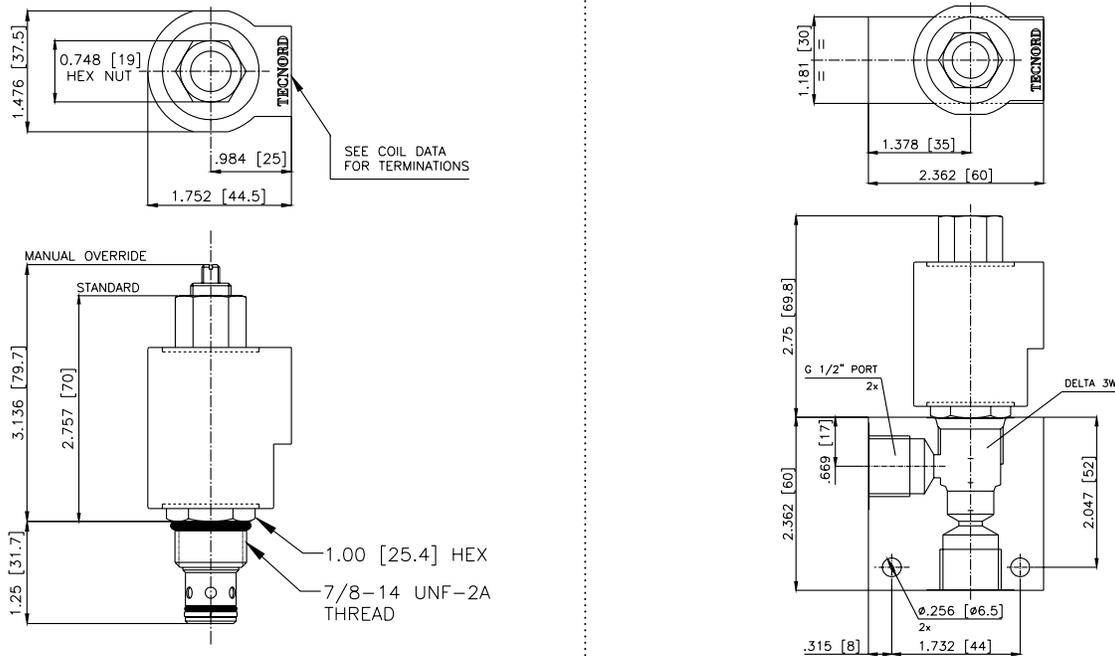


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DIMENSIONS



ORDERING INFORMATION

Approximate Coil Weight: .56 lbs (.25 kg)

DE-S2I - - - -

OPTIONS

- Buna Standard **00**
- Viton Standard **V0**
- Buna, Override, Detent **0M**
- Viton, Override, Detent **VM**
- Buna, Override, Knob **0K**
- Viton, Override, Knob **WK**
- 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)

“V” COIL TERMINATION

(All DC Except as Noted)

- DL** Double Lead
(* several types of termination can be attached on leads on request)

- HC** DIN 43650 (Hirschmann) - (AC&DC)
- DI** Deutsch - Integral DT04-2P

IMMERSION PROOF “D” TYPE

- DIA** “I” Coil AMP Superseal - Integral
- DID** “I” Coil Deutsch - Integral DT04-2P
- DIJ** “I” Coil AMP Jr. Timer - Integral
- DIM** “I” Coil Metri-Pack - Integral

BODIES

- Blank** Without Body
- N** 3/8 NPT Ports
- S** #8 SAE Ports

VOLTAGE (*other voltages available on request)

- 12** 12 VDC
- 24** 24 VDC
- 22** 220 VAC without internal rectifier

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