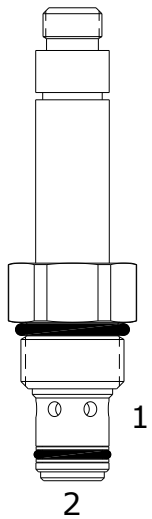


**HDE-S2H DIRECT ACTING SPOOL, 2 WAY NORMALLY OPEN**

**DESCRIPTION**

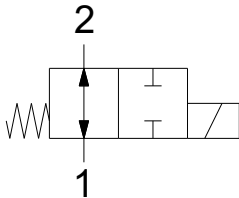
"High Pressure", 10 size, 7/8-14 thread, "Delta" series, solenoid operated, 2 way normally open, spool valve

**OPERATION**

When de-energized, the HDE-S2H allows flow from (1) to (2) and (2) to (1). When energized, the valve blocks flow from (1) to (2) and (2) to (1).

**FEATURES**

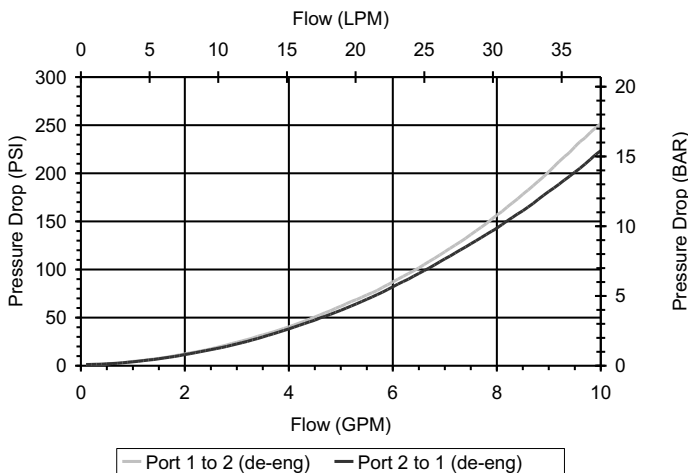
- Hardened parts for long life.
- Efficient wet-armature construction.
- Cartridges are voltage interchangeable.
- Industry common cavity.
- Unitized, molded coil design.
- Continuous duty rated solenoid.
- Optional coil voltages and terminations.
- Optional "I" Coil: Weatherproof, Thermal Shock, Immersion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

**HYDRAULIC SYMBOL**


Uses "L" or "LI" Coil.

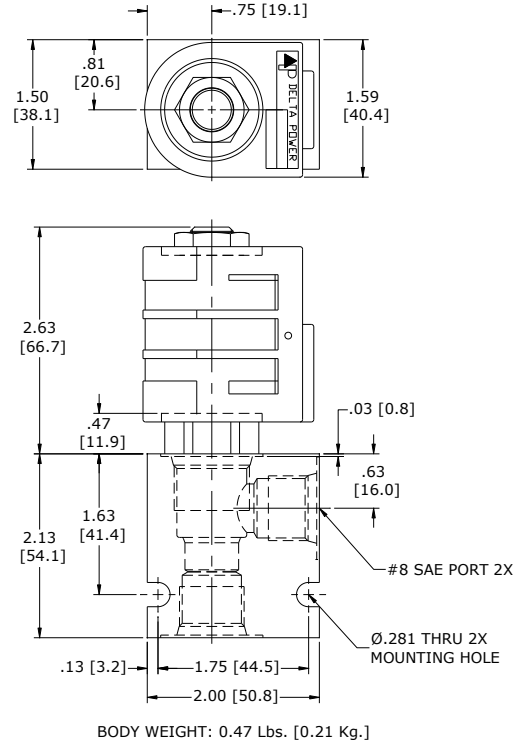
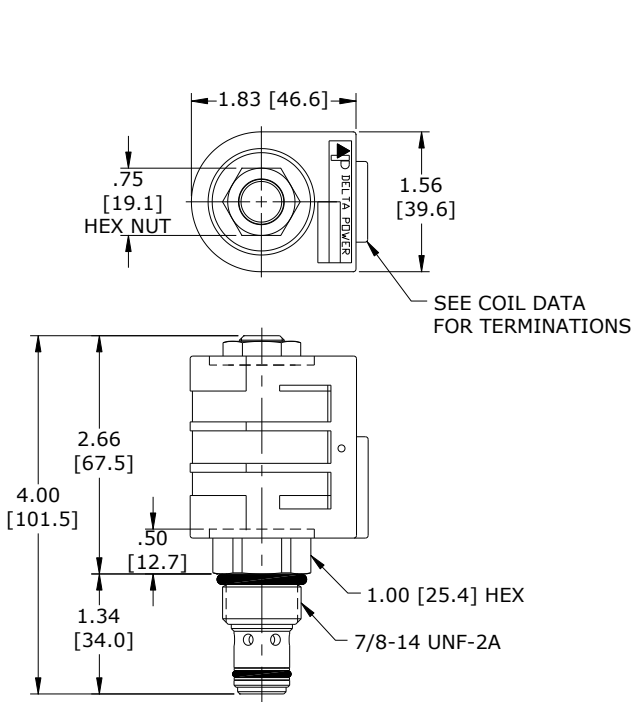
**PERFORMANCE**

Actual Test Data (Cartridge Only)


**VALVE SPECIFICATIONS**

Maximum Flow	8 GPM (30 LPM) from 1 to 2 5 GPM (19 LPM) from 2 to 1
Max Operating Pressure	4200 PSI (290 bar)
Typical Internal Leakage (150 SSU)	8 cu in/min (131 ml/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	0.38 lbs. (0.17 kg)
Operating Fluid Media	General Purpose Hydraulic Fluid
Cartridge Torque Requirements	50 ft-lbs (68 Nm)
Coil Nut Torque Requirements	4-6 ft-lbs (5.4-8.1 Nm)
Cavity	<a href="#">DELTA 2W</a>
Cavity Form Tool (Finishing)	40500000
Seal Kit	21191202

**DIMENSIONS**



**ORDERING INFORMATION**

**HDE-S2H**

**OPTIONS**  
 Buna Standard **00**  
 Viton Standard **V0**

Blank  
**N**  
**S**

**BODIES**  
 Without Body  
 3/8 NPTF Ports  
 #8 SAE Ports

Note: Aluminum **NOT** durability rated for 4200 PSI. Consult factory options.

**VOLTAGE**  
**06** 6 VDC  
**12** 12 VDC  
**24** 24 VDC  
**36** 36 VDC  
**48** 48 VAC  
**25** 25 VAC  
**11** 115 VAC  
**22** 220 VAC  
**44** 440 VAC

**“L” - 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 (Hirschman) – (AC & DC)  
**CL** Conduit Lead – (AC Only)  
**DI** Deutsch – Integral DT04-2P

**IMMERSION PROOF “L” 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

Approximate Coil Weight: .68 lbs. (.31 kg.)

**WARNING:** the specifications/application data shown in our catalogs and data sheets are intended only as a general guide for the product described (herein). Any specific application should not be undertaken without independent study, evaluation, and testing for suitability.