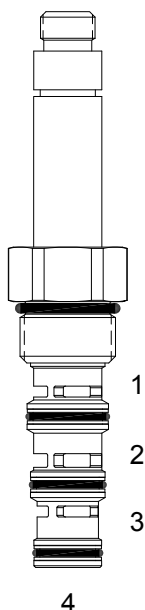


**HG-S4C DIRECT ACTING SPOOL, 4 WAY 2 POSITION, TANDEM CENTER**



**DESCRIPTION**

“High Pressure” 10 size, 7/8-14 thread, “Delta” series, solenoid operated, 4 way 2 position tandem center spool valve.

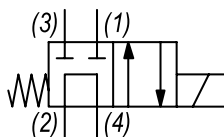
**OPERATION**

When de-energized the HG-S4C allows flow between (2) and (4) and blocks the flow at (1) and (3).  
When energized the valve allows flow from (2) to (3) and from (1) to (4).

**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.

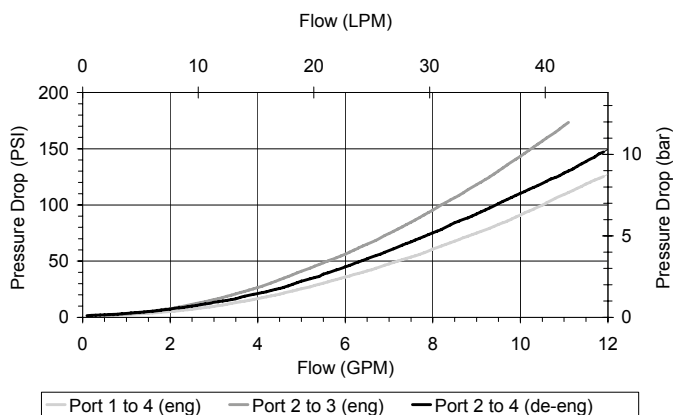
**HYDRAULIC SYMBOL**



Uses “L” Coils.  
Pressure differential between ports should not exceed 3000 PSI.

**PERFORMANCE**

Actual Test Data (Cartridge Only)



**VALVE SPECIFICATIONS**

|                                    |                                    |
|------------------------------------|------------------------------------|
| Nominal Flow                       | 8 GPM (30 LPM)                     |
| Rated Operating Pressure           | 4000 PSI (276 bar)                 |
| Typical Internal Leakage (150 SSU) | 10 cu in/min (164 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                             | .43 lbs (.20 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                           |

**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.

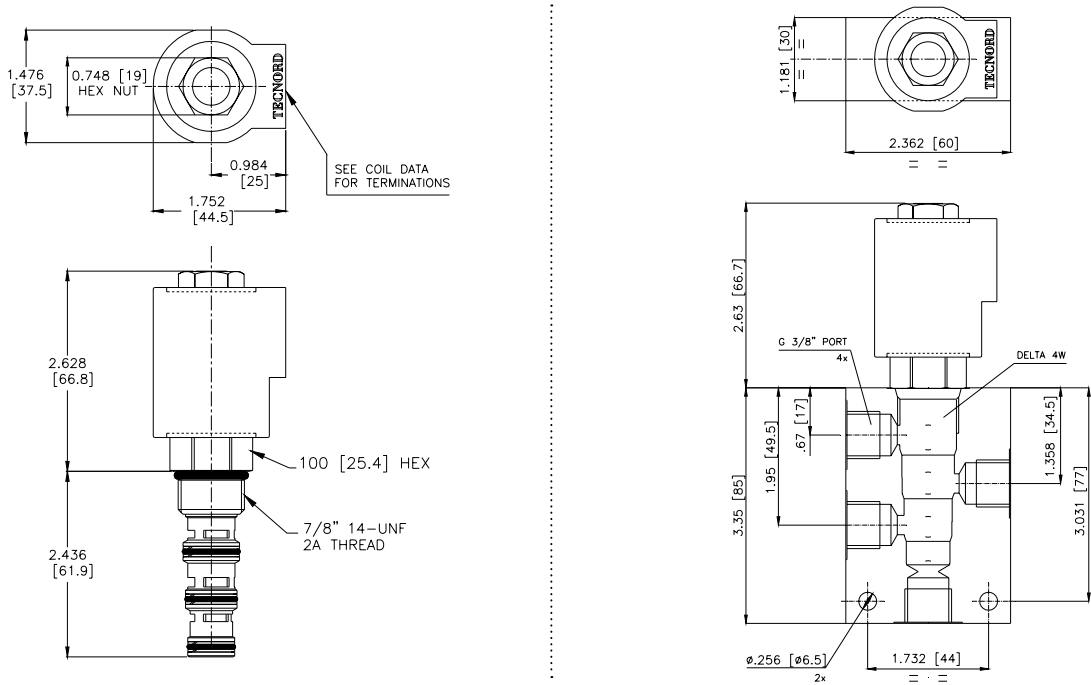


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**DIMENSIONS**



**ORDERING INFORMATION**

**HG-S4C** - - - -

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

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

**BODIES**  
 Blank Without Body  
**N** 3/8" BSP Ports  
**S** #6 SAE Ports

**Note: Aluminum, NOT durability rated for 4000 PSI. Consult factory for body options.**

**VOLTAGE** (other voltages available on request)

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

**"L" 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 "L" TYPE**  
**LIA** "I" Coil AMP Superseal - Integral  
**LID** "I" Coil Deutsch - Integral DT04-2P  
**LIJ** "I" Coil AMP Jr. Timer - Integral  
**LIM** "I" Coil Metri-Pack - Integral

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