HE-S2G DIRECT ACTING SPOOL, 2 WAY NORMALLY CLOSED

0001

DESCRIPTION

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

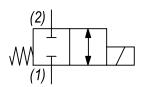
OPERATION

When de-energized the HE-S2G blocks flow from (1) to (2) and (2) to (1). When energized the valve allows 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.

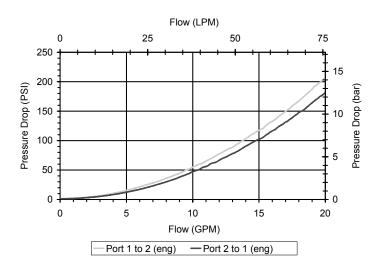
HYDRAULIC SYMBOL





PERFORMANCE

Actual Test Data (Cartridge Only)



VALVE SPECIFICATIONS	
Nominal Flow	15 GPM (57 LPM) from (1) to (2)
	6 GPM (23 LPM) from (2) to (1)
Rated Operating Pressure	4000 PSI (276 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 Temp. Range	-40° to 250°F (-40° to 120°C)
Weight	.39 lbs (.17 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

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.

DIMENSIONS 0.748 [19] HEX NUT 1.476 [37.5] 1.378 [35] SEE COIL DATA FOR TERMINATIONS 2.362 [60] 0.984 [25] 1 752 [44.5] 2.65 [67.3] G 1/2" PORT 2.66 [67.5] DELTA 3W [12.7] [52] [60] 2.047 2.362 20 1.00 [25.4] HEX [31.7] 7/8" 14-UNF ø.256 [ø6.5] 25 000 2A THREAD .315 [8] 1.732 [44]

ORDERING INFORMATION Approximate Coil Weight: .68 lbs (.31 kg) HE-S2G Note: Aluminum, NOT **BODIES OPTIONS** durability rated for 4000 **Buna Standard** 00 Blank Without Body PSI. Consult factory for Viton Standard V0 1/2" BSP Ports body options. #8 SAE Ports S **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) **IMMERSION PROOF "L" TYPE DL** Double Lead HC DIN 43650 (Hirschmann) - (AC&DC) LΙΑ "I" Coil AMP Superseal - Integral (several types of termination can be DI Deutsch - Integral DT04-2P LID "I" Coil Deutsch - Integral DT04-2P "I" Coil AMP Jr. Timer - Integral attached on leads on request) LIJ "I" Coil Metri-Pack - Integral LIM

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