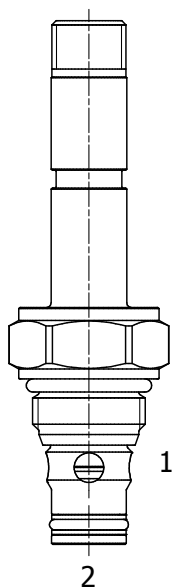


HB-S2L PILOTED OPERATED POPPET, 2 WAY DOUBLE LOCK NORMALLY CLOSED



DESCRIPTION

8 size, 3/4-16 thread, "Power" series, solenoid operated, 2 way double lock normally closed pilot operated, bidirectional poppet valve.

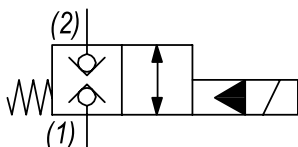
OPERATION

When de-energized the HB-S2L 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.

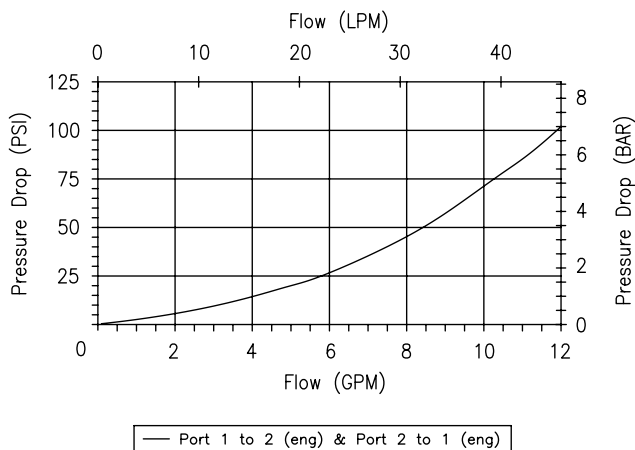
HYDRAULIC SYMBOL



Zinc Nickel plating on all exposed surfaces (>500hours corrosion resistance).

PERFORMANCE

Actual Test Data (Cartridge Only)



VALVE SPECIFICATIONS

Nominal Flow	12 GPM (45 LPM)
Rated Operating Pressure	5000 PSI (345 bar)
Typical Internal Leakage (150 SSU)	0-5 drops/min at 5000 PSI (345 bar)
Viscosity Range	36 to 3000 SSU (3 to 647 cSt)
Filtration	ISO 18/16/13
Media Operating Temp. Range	-40° to 210°F (-40° to 100°C) BUNA seals -4° to 250°F (-20° to 120°C) VITON seals
Weight	.29 lbs (.13 kg)
Operating Fluid Media	General Purpose Hydraulic Fluid
Cartridge Torque Requirements	30-35 ft-lbs (41-47 Nm)
Coil Nut Torque Requirements	3-4.5 ft-lbs (4-6 Nm)
Cavity	POWER 2W
Cavity Tools Kit	40500005
Seal Kit	21191102

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.

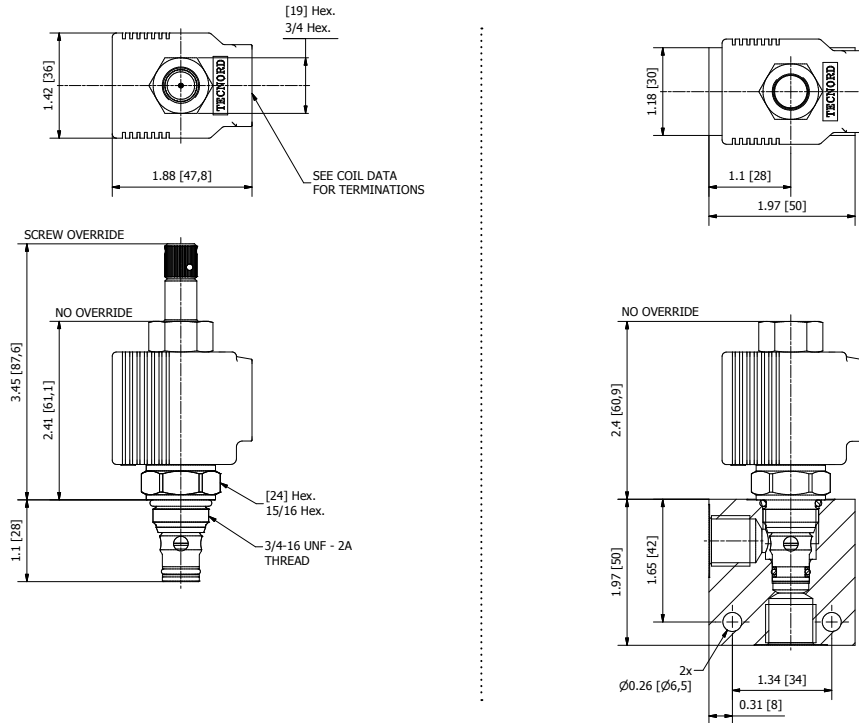


4484 Boeing Drive Rockford, IL 61109 • USA • Phone +1 (815) 397-6628 • Fax +1 (815) 397-2526
mail: delta@delta-power.com • www.delta-power.com



Via Malavolti, 36 • 41122 Modena • ITALY • Phone +39 (059) 254895 • Fax +39 (059) 253512
mail: tecnord@tecnord.com • www.tecnord.com

DIMENSIONS



ORDERING INFORMATION

Approximate Coil Weight: .42 lbs (.19 kg)

HB-S2L - - - -

- OPTIONS**
- Buna Standard **00**
 - Viton Standard **V0**
 - Buna, Screw, Override **OK**
 - Viton, Screw, Override **VK**

- BODIES**
- Blank Without Body
 - N** 1/4" BSP Ports (aluminum)
 - N1** 3/8" BSP Ports (aluminum)
 - S** #6 SAE Ports (aluminum)
 - H** 1/4" BSP Ports (steel)
 - H1** 3/8" BSP Ports (steel)
 - HS** #6 SAE Ports (steel)

Note: Aluminum bodies only for use up to 250 bar

- VOLTAGE** (other voltages available on request)
- 12** 12 VDC
 - 24** 24 VDC
 - 26** 26 VDC

"P" TYPE "J" COIL TERMINATION

- JA** "J" Coil AMP Superseal - Integral
- JD** "J" Coil Deutsch - Integral DT04-2P

JJ "J" Coil AMP Jr. Time - Integral

- JL** "J" Coil Double Lead
- JH** "J" Coil DIN 43650 (Hirschmann)

W 16 / 2018

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