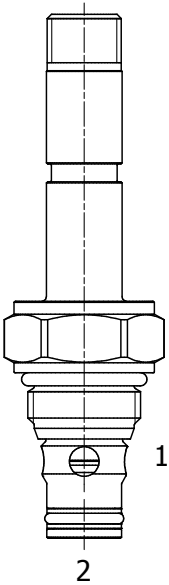


HB-S2L PILOTED OPERATED POPPET, 2 WAY DOUBLE LOCK NORMALLY CLOSED



DESCRIPTION

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

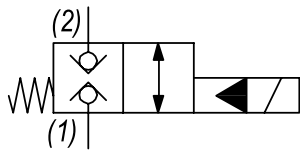
OPERATION

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.

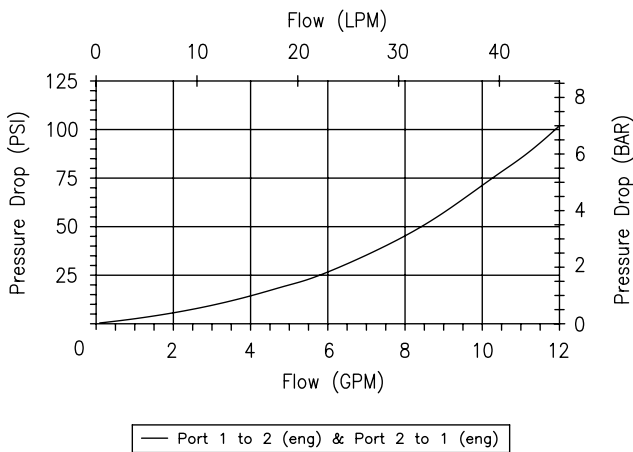
HYDRAULIC SYMBOL



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

PERFORMANCE

Actual Test Data (Cartridge Only)



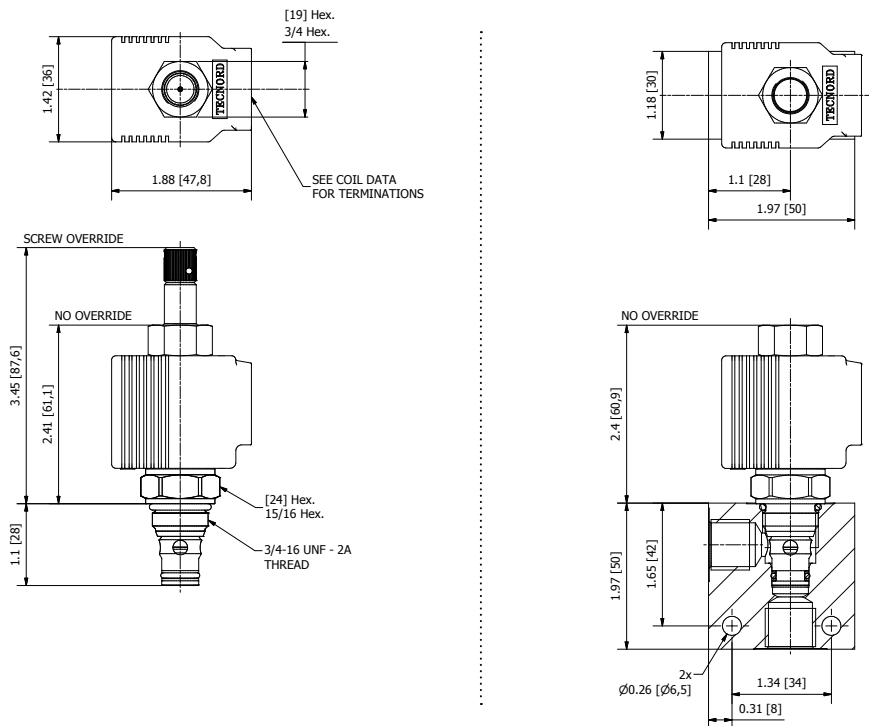
VALVE SPECIFICATIONS

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.

1/ 3/2023

DIMENSIONS



ORDERING INFORMATION

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

HB-S2L		-	-	-	-	-	-	Approximate Coil Weight: .42 lbs (.19 kg)	
<u>OPTIONS</u>								<u>BODIES</u>	Note: Aluminum bodies only for use up to 250 bar
Buna Standard	00							Blank	Without Body
Viton Standard	V0							N	1/4" BSP Ports (aluminum)
Buna, Screw, Override	0K							N1	3/8" BSP Ports (aluminum)
Viton, Screw, Override	VK							S	#6 SAE Ports (aluminum)
								H	1/4" BSP Ports (steel)
								H1	3/8" BSP Ports (steel)
								HS	#6 SAE Ports (steel)
			</						