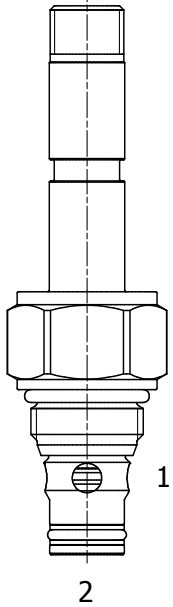


HPB-S2K PILOTED OPERATED POPPET, 2 WAY DOUBLE LOCK NORMALLY OPEN

DESCRIPTION

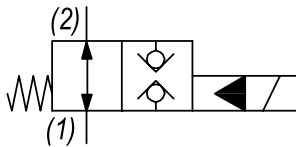
8 size, 3/4-16 thread, "Power" series, solenoid operated, 2 way double lock normally open, pilot operated bidirectional poppet valve.

OPERATION

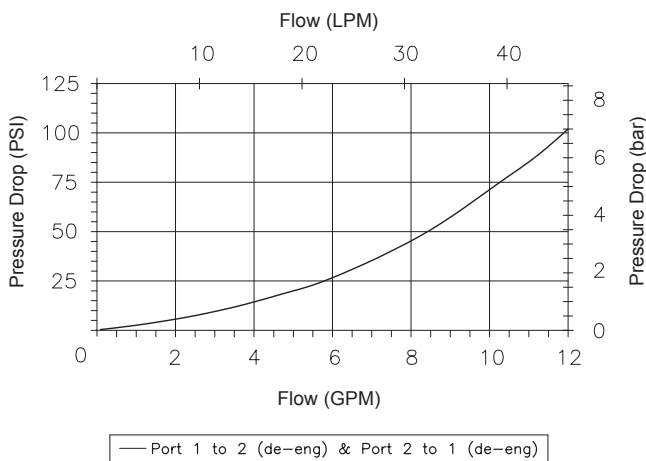
When de-energized the HPB-S2K allows flow from (1) to (2) or from (2) to (1). When energized the valve blocks flow from (1) to (2) and block flow from (2) to (1).

FEATURES

- Hardened parts for long life.
- Efficient wet-armature construction.
- Cartridges are voltage interchangeable.
- Manual override option.
- Industry common cavity.
- Unitized, molded coil design.
- Continuous duty rated solenoid.
- Optional coil voltages and terminations.
- 720 hour salt spray protection.

HYDRAULIC SYMBOL

PERFORMANCE

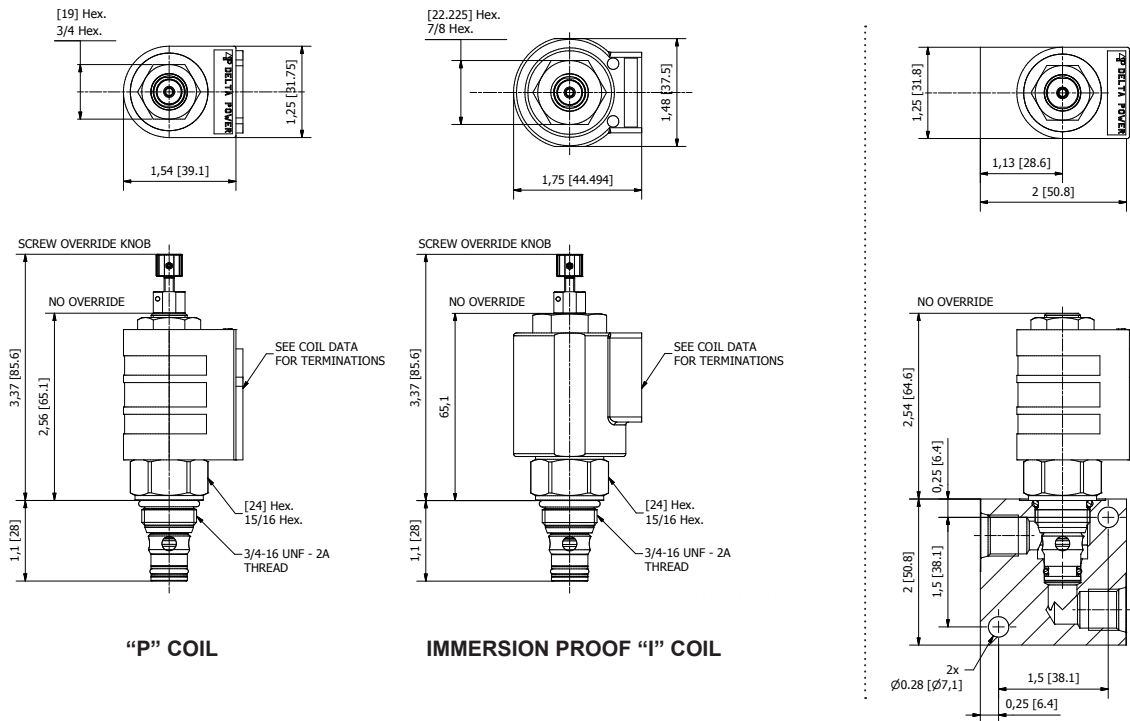
Actual Test Data (Cartridge Only)


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

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DIMENSIONS



ORDERING INFORMATION

HPB - S2K -

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

<u>OPTIONS</u>		<u>BODIES</u>
Buna Standard	00	Blank Without Body
Viton Standard	V0	N 1/4 NPTF Ports
Buna, Override, Knob	OK	S #6 SAE Ports
Viton, Override, Knob	VK	
Buna, Screen	A0	
Viton, Screen	W0	<u>VOLTAGE</u>
Buna, Screen, Override, Knob	B5	06 6 VDC
Viton, Screen, Override, Knob	V5	12 12 VDC
		24 24 VDC
		36 36 VDC
		48 48 VDC
		25 24 VAC
		11 115 VAC
		22 220 VAC
		44 440 VAC

Note: Aluminum Body Not durability rated for 5000 PSI (345 bar), consult factory for high pressure body options.

Note: use screen only if flow direction is from (1) to (2)

"P" COIL TERMINATION

- 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 (Hirschmann) - (AC&DC)
- CL Conduit Lead - (AC Only)
- DI Deutsch - Integral DT04-2P

IMMERSION PROOF "I" COIL TERMINATION

- 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

For Optional Coil Terminations See Coil Section

W/44/12-2022

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