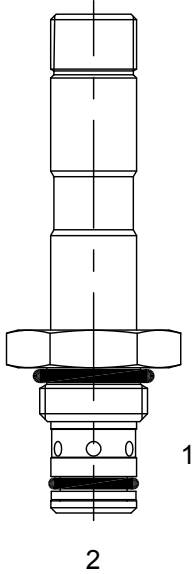


UA-S2A PILOT OPERATED POPPET, 2 WAY, NORMALLY CLOSED



DESCRIPTION

7 size, 5/8-18 thread, "Mini" series, solenoid operated, 2 way normally closed, pilot operated poppet valve with reverse flow de-energized.

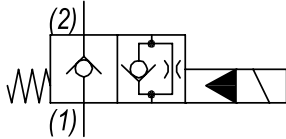
OPERATION

When de-energized the UA-S2A blocks flow from (1) to (2) and allows reverse flow from (2) to (1).
When energized, the valve allows flow from (1) to (2) and restricts flow from (2) to (1).

FEATURES

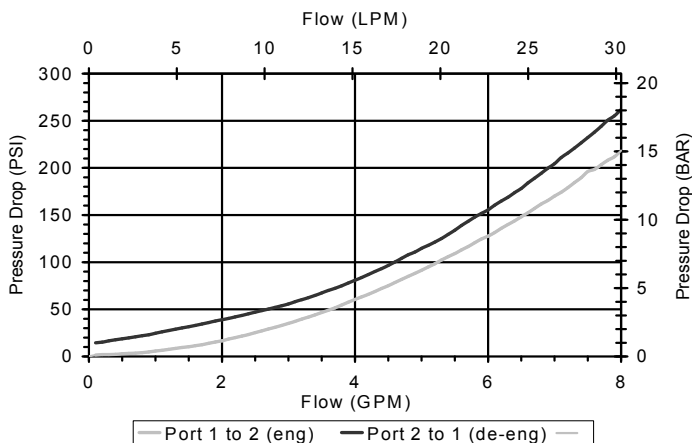
- Hardened parts for long life.
- Efficient wet-armature construction.
- Cartridges are voltage interchangeable.
- Industry common cavity.
- Unitized, molded coil design.
- Continuous duty rated solenoid.
- Optional coil voltages and terminations.

HYDRAULIC SYMBOL



PERFORMANCE

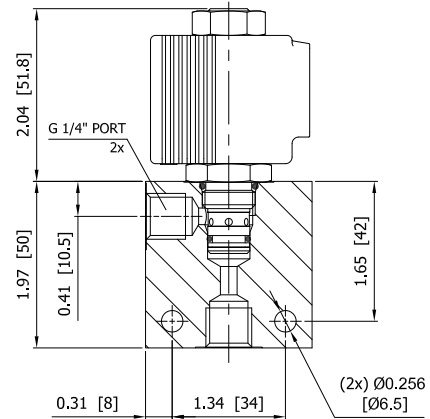
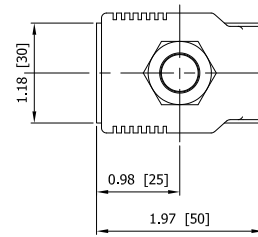
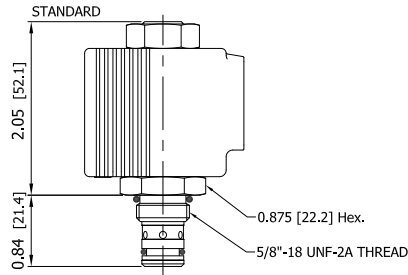
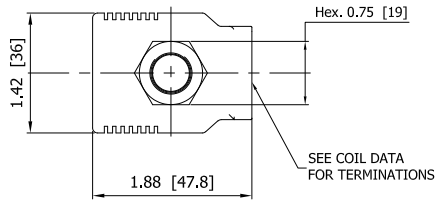
Actual Test Data (Cartridge Only)



VALVE SPECIFICATIONS

Nominal Flow	6 GPM (23 LPM)
Rated Operating Pressure	4000 PSI (276 bar)
Typical Internal Leakage (150 SSU)	0-5 drops/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	.13 lbs (.06 kg)
Operating Fluid Media	General Purpose Hydraulic Fluid
Cartridge Torque Requirements	15 ft-lbs (20.3 Nm)
Coil Nut Torque Requirements	4-6 ft-lbs (5.4-8.1 Nm)
Cavity	MINI 2W
Cavity Form Tool (Finishing)	40500003
Seal Kit	21191000

DIMENSIONS



ORDERING INFORMATION

Approximate Coil Weight: .30 lbs (.14 kg)

UA-S2A - - - -

OPTIONS

Buna Standard **00**
Viton Standard **V0**
Buna, Screen **A0**
Viton, Screen **W0**

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

BODIES

Blank Without Body
N 1/4\" BSP Ports
S #6 SAE Ports

VOLTAGE (other voltages available on request)

12 12 VDC
24 24 VDC
26 220 VAC with molded full wave rectifier

"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)