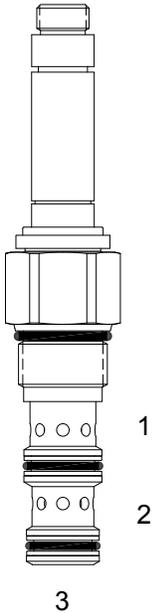


HU-S3E DIRECT ACTING SPOOL, 3 WAY 2 POSITION, HIGH PRESSURE

DESCRIPTION

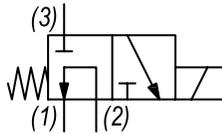
12 size, 1 1/16-12 thread, "TWELVE" series, solenoid operated, 3 way 2 position, spool valve.

OPERATION

When de-energized the HU-S3E allows flow from (2) to (1) and blocks flow at port (3). When energized the valve allows flow from (3) to (2) and blocks flow at port (1).

FEATURES

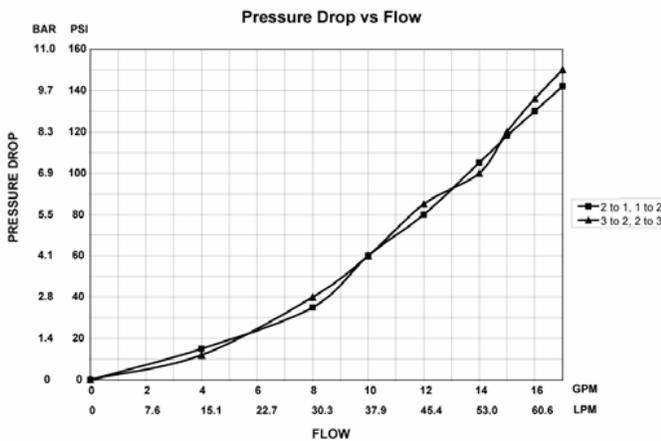
- Hardened parts for long life.
- Efficient wet-armature construction.
- Cartridges are voltage interchangeable.
- Industry common cavity.
- Unitized, molded coil design.
- Continuous duty rated solenoid.
- Optional coil voltages and terminations.

HYDRAULIC SYMBOL


Common usage is inlet at port (3).
See HU-S3F for port (2) or port (1) inlet.

PERFORMANCE

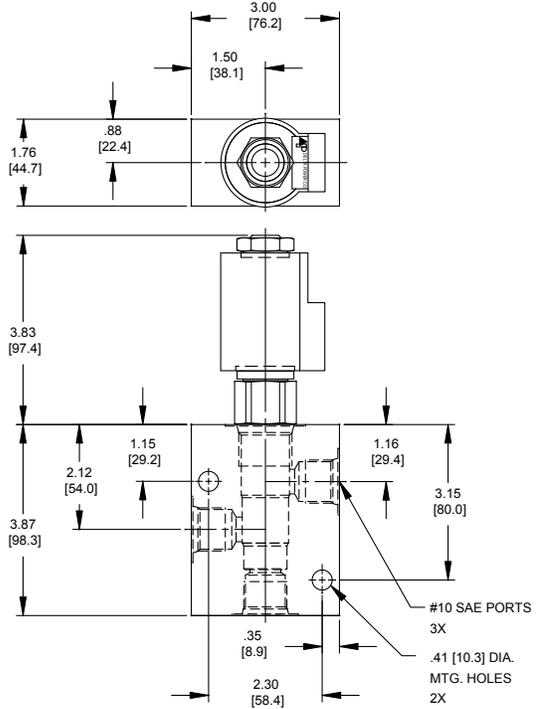
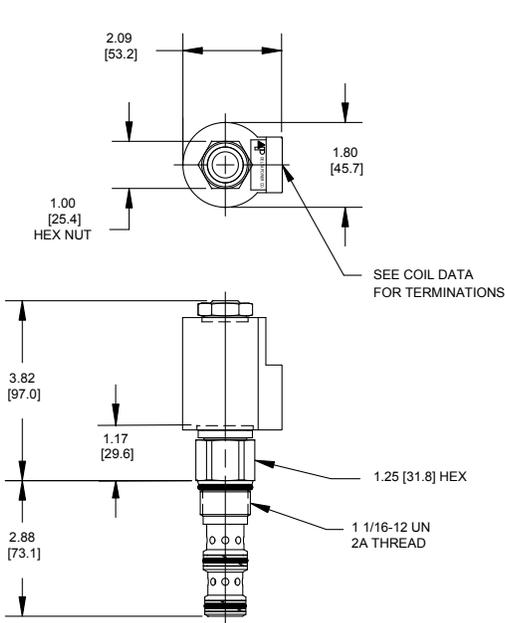
Actual Test Data (Cartridge Only)


VALVE SPECIFICATIONS

Nominal Flow	15 GPM (57 LPM)
Rated Operating Pressure	5000 PSI (345 bar)
Typical Internal Leakage (150 SSU)	8 cu in/min @ 3000 PSI
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	1.01 lbs (.46 kg)
Operating Fluid Media	General Purpose Hydraulic Fluid
Cartridge Torque Requirements	70 ft-lbs (94.9 Nm)
Coil Nut Torque Requirements	5-7 ft-lbs (6.8-9.5 Nm)
Cavity	TWELVE 3W
Cavity Tools Kit (form tool, reamer, tap)	40500034
Seal Kit	21191305

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DIMENSIONS



BODY WEIGHT: 4.14 lbs (1.88 kg)

ORDERING INFORMATION

Approximate Coil Weight: .89 lbs (.41 kg)

HU-S3E

OPTIONS

- Buna Standard **00**
- Viton Standard **V0**

BODIES

- Blank Without Body
- S** #10 SAE Ports

VOLTAGE

- 06** 6 VDC
- 12** 12 VDC
- 24** 24 VDC
- 36** 36 VDC
- 48** 48 VDC
- 25** 24 VAC
- 11** 120 VAC
- 22** 220 VAC

"T" COIL TERMINATION

(All DC Except as Noted)

- Double Lead **DL**
- Deutsch on Leads **DT**
- Metri-Pack on Leads **ML**
- Packard on Leads **PL**
- Weatherpack on Leads **WL**
- Double Spade **DS**
- DIN 43650 (Hirschmann) - (AC&DC) **HC**

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