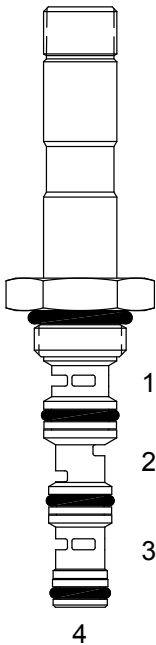


UD-S4B DIRECT ACTING SPOOL, 4 WAY 2 POSITION, CLOSED CENTER

DESCRIPTION

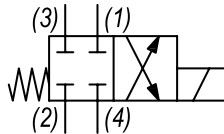
7 size, 5/8-18 thread, "Mini" series, solenoid operated, 4 way 2 position, closed center spool valve.

OPERATION

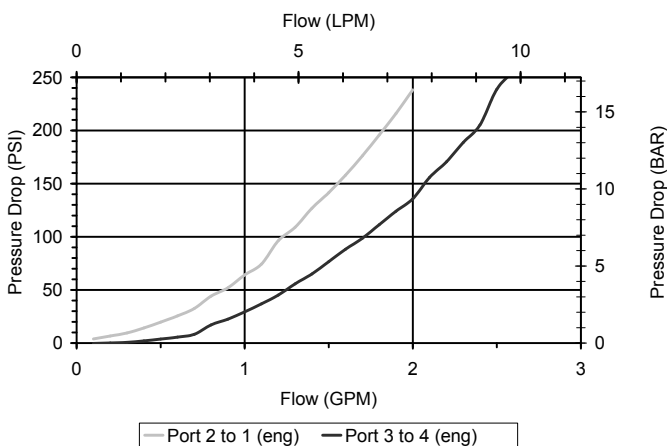
When de-energized the UD-S4B blocks flow at all ports. When energized, the valve allows flow from (2) to (1) and (3) to (4).

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.

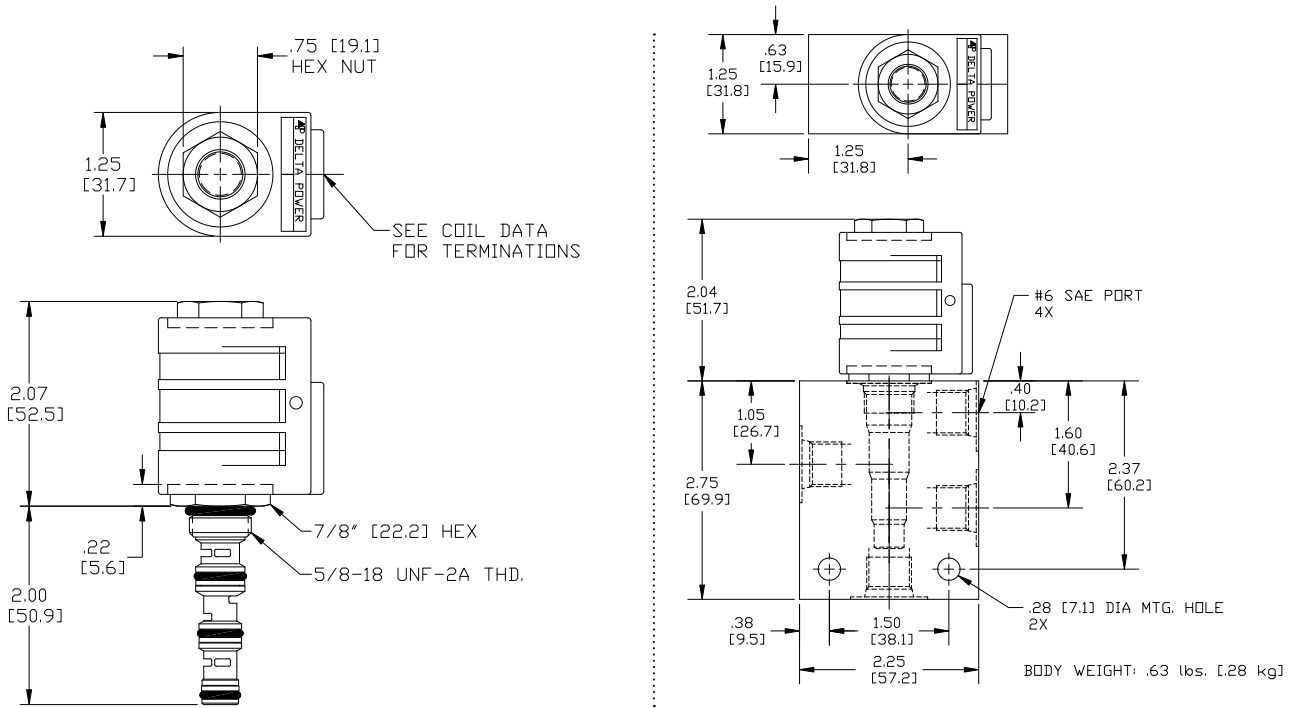
HYDRAULIC SYMBOL

PERFORMANCE

Actual Test Data (Cartridge Only)


VALVE SPECIFICATIONS

Nominal Flow	1.5 GPM (6 LPM)
Rated Operating Pressure	4000 PSI (276 bar)
Typical Internal Leakage (150 SSU)	8 cu in/min (131 ml/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	.15 lbs (.07 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 4W
Cavity Form Tool (Finishing)	40500006
Seal Kit	21191008

DIMENSIONS



ORDERING INFORMATION

UD-S4B - - - -

<p>OPTIONS</p> <p>Buna Standard 00</p> <p>Viton Standard V0</p>	<p>BODIES</p> <p>Blank Without Body</p> <p>N 1/4 NPTF Ports</p> <p>S #6 SAE Ports</p>	<p>VOLTAGE</p> <p>06 6 VDC</p> <p>12 12 VDC</p> <p>24 24 VDC</p> <p>36 36 VDC</p> <p>48 48 VDC</p> <p>25 24 VAC</p> <p>11 120 VAC</p> <p>22 220 VAC</p> <p>44 440 VAC</p>
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Approximate Coil Weight: .30 lbs (.14 kg)

Note: Aluminum, NOT durability rated for 4000 PSI. Consult factory for body options.

"P" COIL TERMINATION
(All DC Except as Noted)

- 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 "P" TYPE

- 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

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.