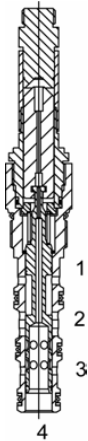


HVS4E00

Solenoid Operated Directional Controls



HV-S4E Direct Acting Spool, 4 Way 2 Position, Series / Parallel



DESCRIPTION

“High pressure” 12 size, 1 1/16-12 thread, “Tecnord” series, solenoid operated, 4 way 2 position, series / parallel flow spool valve.

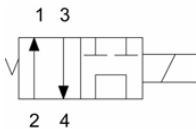
OPERATION

When de-energized the HV-S4E allows flow from (2) to (1) and from (3) to (4). When energized the valve allows flow from (2) to (4) and blocks flow at (1) to (3).

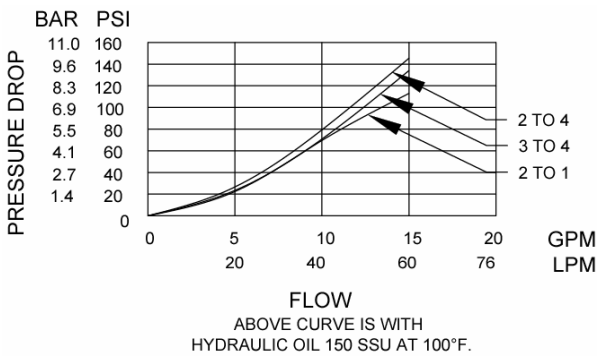
FEATURES

- 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



VALVE SPECIFICATIONS

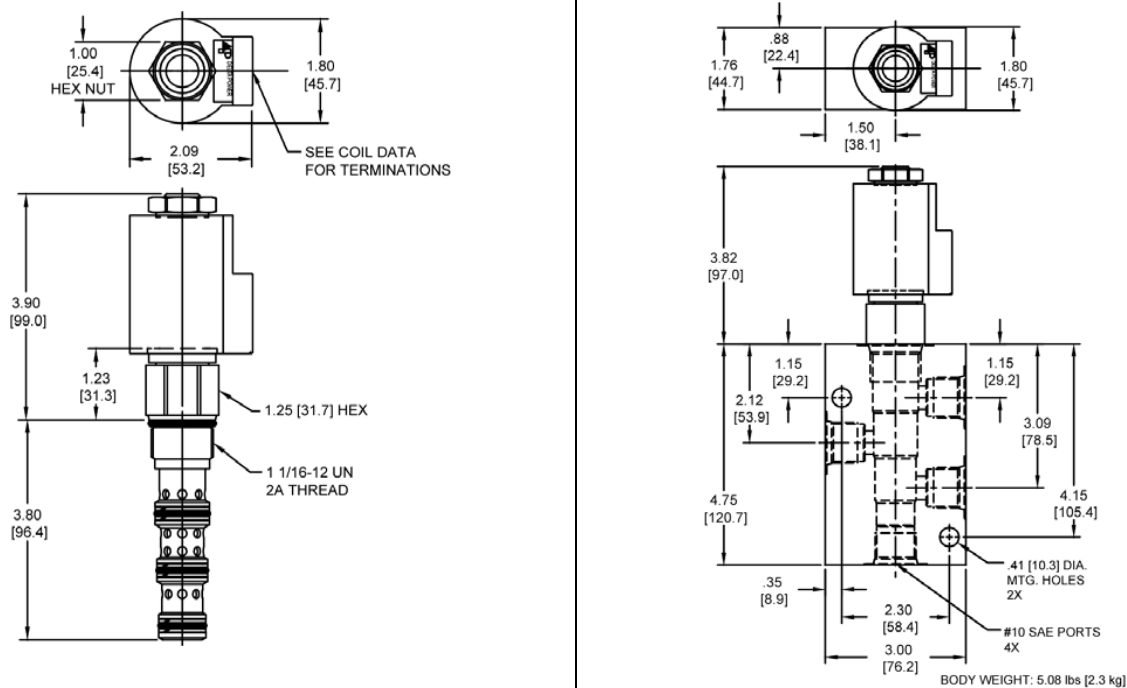
Nominal Flow	15 GPM (57 LPM) From (2) to (4) 8 GPM (30 LPM) from (4) to (2)
Rated Operating Pressure	5000 PSI (345 bar)
Typical Internal Leakage (150 SSU)	8 cu in/min (131 ml/min) per path
Viscosity Range	36 to 3000 SSU (3 to 647 cSt)
Filtration	ISO 18/16/13
Media Operating Temperature Range	-40° to 250° F (-40° to 120° C)
Weight	1.09 lbs. (.49 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) Maximum
Cavity	TECNORD 4W
Cavity Form Tool (Finishing)	40500035
Seal Kit	21191309

HVS4E00

Solenoid Operated Directional Controls



DIMENSIONS



ORDERING INFORMATION

HV-S4E - - - -			
OPTIONS		BODIES	
Buna Standard	00	Blank	Without Body
Viton Standard	V0	S	#10 SAE Ports
<u>"T" COIL TERMINATION</u>		<u>VOLTAGE</u>	
(All DC Except as Noted)		06	6 VDC
Double Lead	DL	12	12 VDC
Deutsch on Leads	DT	24	24 VDC
Metri-Pack on Leads	ML	36	36 VDC
Packard on Leads	PL	48	48 VDC
Weatherpack on Leads	WL	25	24 VAC
Double Spade	DS	11	120 VAC
DIN 43650 (Hirschman) – (AC & DC)	HC	22	220 VAC

Approximate Coil Weight: .89 lbs/.41 kg.