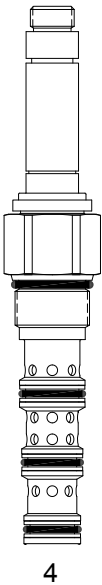


HV-S4E DIRECT ACTING SPOOL, 4 WAY 2 POSITION, SERIES/PARALLEL



DESCRIPTION

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

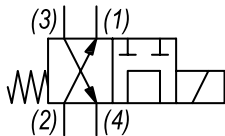
OPERATION

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

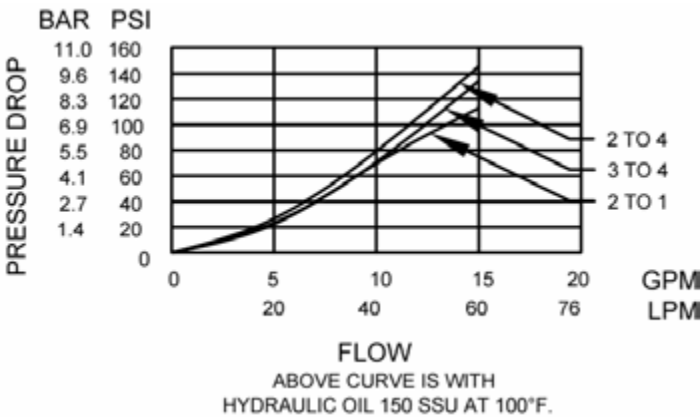
- Hardened parts for long life.
- Efficient wet-armature construction.
- Cartridges are voltage interchangeable.
- Industry common cavity.
- Unitized, molded coil design.
- Continuous duty rated solenoid.
- Optional coil voltages and terminations.

HYDRAULIC SYMBOL



PERFORMANCE

Actual Test Data (Cartridge Only)



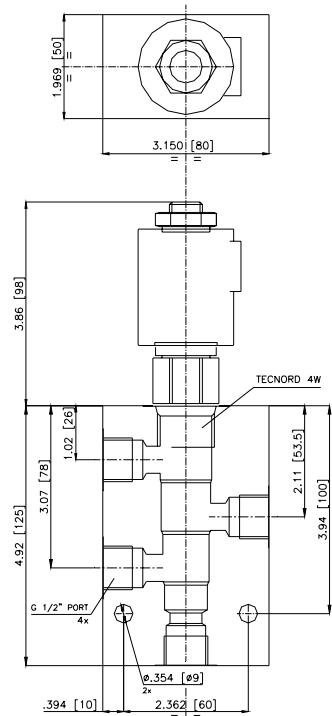
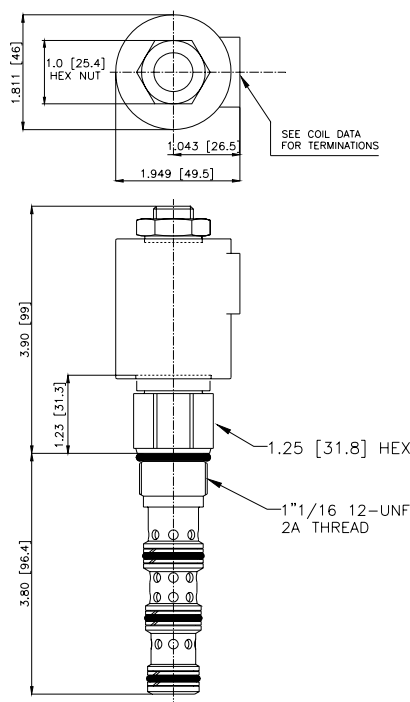
VALVE SPECIFICATIONS

Nominal Flow	15 GPM (57 LPM)
Rated Operating Pressure	5000 PSI (345 bar)
Typical Internal Leakage (150 SSU)	8 cu in/min (131 ml/min) per path
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	1.09 lbs (.49 kg)
Operating Fluid Media	General Purpose Hydraulic Fluid
Cartridge Torque Requirements	50 ft-lbs (67.8 Nm)
Coil Nut Torque Requirements	5-7 ft-lbs (6.8-9.5 Nm)
Cavity	TECNORD 4W
Cavity Tools Kit	
(form tool, reamer, tap)	40500035
Seal Kit	21191309

**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.

11/3/2023

DIMENSIONS



ORDERING INFORMATION

Approximate Coil Weight: .78 lbs (.35 kg)

HV-S4E - - - - -

**OPTIONS**

Buna Standard 00  
Viton Standard V0

**BODIES**

Blank Without Body  
N 3/4" BSP Ports  
S #10 SAE Ports

**"T" COIL TERMINATION**

(All DC Except as Noted)

Double Lead

DL

(several types of termination can be attached on leads on request)

DIN 43650 (Hirschmann) - (AC&DC) HC

**VOLTAGE** (other voltages available on request)

12 12 VDC  
24 24 VDC  
22 220 VAC without internal rectifier