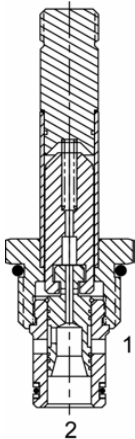




DE-S2H Direct Acting Spool, 2 Way, Normally Open

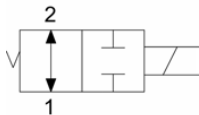


DESCRIPTION
10 size, 7/8-14 thread, "Delta" series, solenoid operated, 2 way normally open, spool valve

OPERATION
When de-energized the DE-S2H allows flow from (1) to (2) and (2) to (1). When energized the valve blocks flow from (1) to (2) and (2) to (1).
OPERATION OF MANUAL OVERRIDE OPTION: To override, pull knob out. On the detented version, after pulling knob out twist 180 degrees and release. The valve will remain in that position.

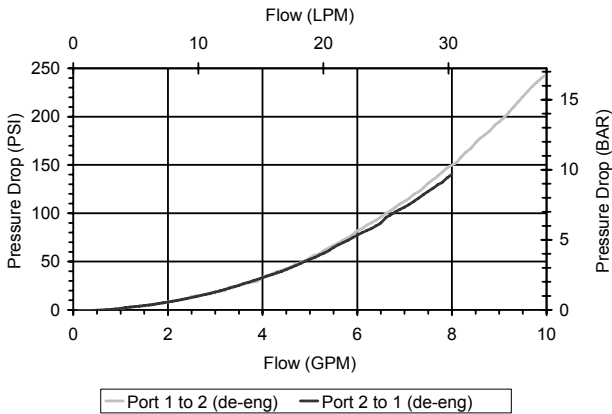
- FEATURES**
- Hardened parts for long life.
 - Efficient wet-armature construction.
 - Manual override option.
 - Industry common cavity.
 - Unitized, molded coil design.
 - Continuous duty rated solenoid.
 - Optional coil voltages and terminations.
 - Optional "I" Coil: Weatherproof, Thermal Shock, Immersion Safe.

HYDRAULIC SYMBOL



For higher pressure systems see HE-S2H

PERFORMANCE
Actual Test Data (Cartridge Only)



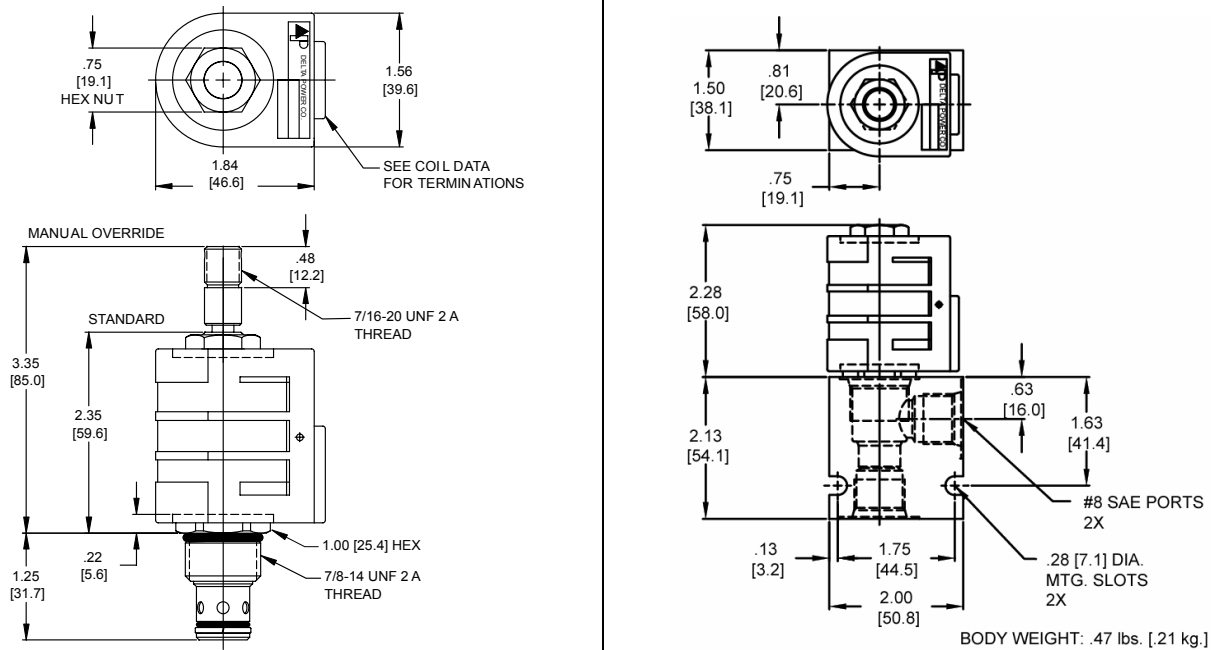
VALVE SPECIFICATIONS	
Nominal Flow	8 GPM (30 LPM) from (1) to (2) 4 GPM (15 LPM) from (2) to (1)
Rated Operating Pressure	3000 PSI (207 bar)
Typical Internal Leakage (150 SSU)	5 cu in/min (82 ml/min)
Viscosity Range	36 to 3000 SSU (3 to 647 cSt)
Filtration	ISO 18/16/13
Media Operating Temperature Range	-40° to 250° F (-40° to 120° C)
Weight	.26 lbs. (.12 kg)
Operating Fluid Media	General Purpose Hydraulic Fluid
Cartridge Torque Requirements	30 ft-lbs (40.6 Nm)
Coil Nut Torque Requirements	4-6 ft-lbs (5.4-8.1 Nm)
Cavity	DELTA 2W
Cavity Form Tool (Finishing)	40500000
Seal Kit	21191202

DES2H00

Solenoid Operated Directional Controls



DIMENSIONS



ORDERING INFORMATION

DE-S2H - - - -			
OPTIONS		BODIES	
Buna Standard	00	Blank	Without Body
Viton Standard	V0	N	3/8 NPTF Ports
Buna, Override	0M	S	#8 SAE Ports
Viton, Override	VM		
Buna, Screen	A0		
Viton, Screen	W0		
Buna, Override, Non-detent	B1		
Viton, Override, Non-detent	V1		
Buna, Screen, Override, Non-detent	B3		
Buna, Screen, Override, Detent	B4		
Viton, Screen, Override, Non-detent	V3		
Viton, Screen, Override, Detent	V4		
Note: Use screen only if flow direction is from (1) to (2).			
"D" COIL TERMINATION (All DC Except as Noted)		VOLTAGE	
DL Double Lead	SS Single Spade	06	6 VDC
DT Deutsch on Leads DT04-2P	DS Double Spade	12	12 VDC
ML Metri-Pack on Leads	HC DIN 43650 (Hirschman) - (AC & DC)	24	24 VDC
PL Packard on Leads	CL Conduit Lead - (AC Only)	36	36 VDC
WL Weatherpack on Leads	DI Deutsch - Integral DT04-2P	48	48 VDC
		25	24 VAC
		11	120 VAC
		22	220 VAC
		44	440 VAC
		IMMERSION PROOF "D" 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

Approximate Coil Weight: .74 lbs/.33 kg.