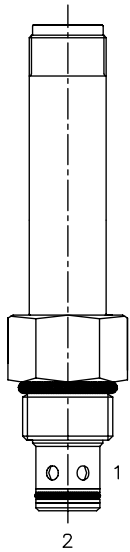


EE-P2H 2 WAY NORMALLY OPEN, PROPORTIONAL FLOW CONTROL VALVE



DESCRIPTION

10 size, 7/8-14 thread, solenoid operated, 2 way normally open, proportional flow control valve.

OPERATION

When de-energized the EE-P2H allows flow from (1) to (2). When fully energized, the valve blocks flow at port (1) and (2). Flow is proportional to current applied to the coil. A compensator must be used to create a pressure compensated flow control function.

OPERATION OF MANUAL OVERRIDE OPTION: to override, turn the manual override screw clockwise. To release turn the manual override screw counterclockwise.

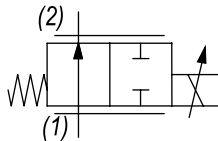
FEATURES

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



Curve is attained with Tecnord QC-CP3 compensator at with various settings.

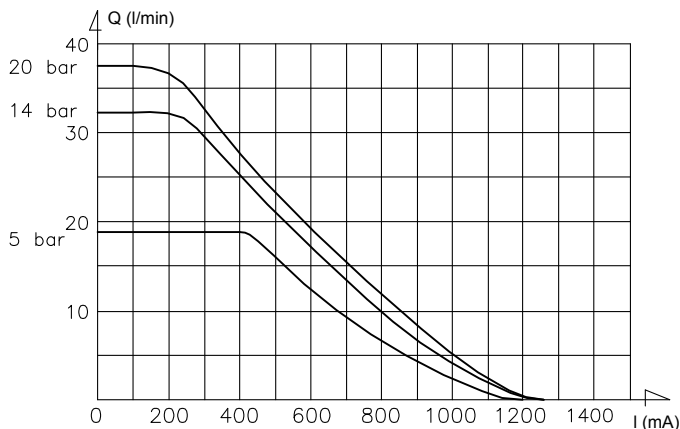
HYDRAULIC SYMBOL



PERFORMANCE

Flow (l/min) vs. Current (mA)

Coil 12 VDC - Delta P = 5, 14, 20 bar; Toil = 40°C



VALVE SPECIFICATIONS

Flow Range	See curve
Max System Pressure	3500 PSI (241 bar)
Leakage	Max 100 cc/min at 245 bar
Hysteresis	±4%
Viscosity Range	36 to 3000 SSU (3 to 647 cSt)
Filtration	ISO 18/16/13
Media Operating Temp. Range	-30°C / +100°C
Weight	.58 lbs (.26 kg)
Operating Fluid Media	General Purpose Hydraulic Fluid
Cartridge Torque Requirements	26 ft-lbs (35 Nm)
Coil Nut Torque Requirements	2-3 ft-lbs (3-4 Nm)
Cavity	DELTA 2W
Cavity Tools Kit (form tool, reamer, tap)	40500000
Seal Kit	21191200

COIL SPECIFICATIONS

Current Supply Characteristics	PWM (Pulse Width Modulation)
Rated Current Range	400-1400 mA
PWM or Super-Imposed	
Dither Frequency	100-150 Hz
Coil Resistance (12 VDC)	7.2 Ohm ±5% at 68°F (20°C)

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.

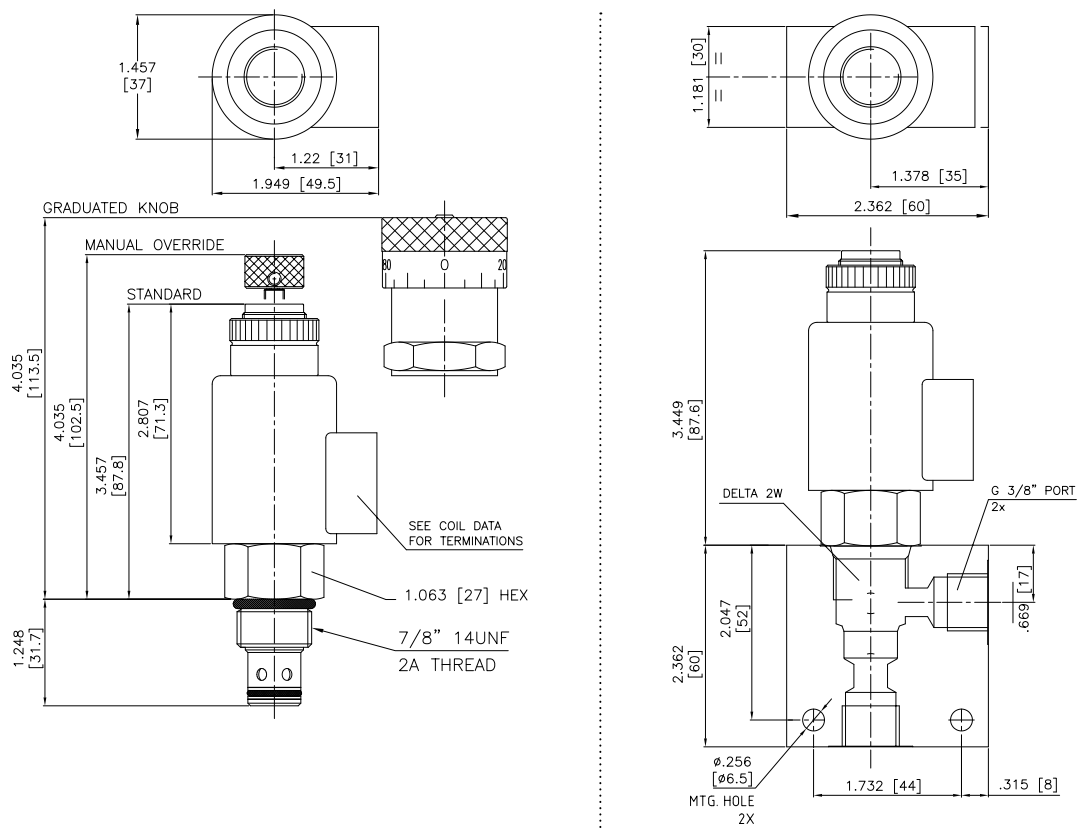


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DIMENSIONS



(for bodies style and sizes see section "Accessories")

ORDERING INFORMATION

Approximate Coil Weight: .47 lbs (.21 kg)

EE-P2H -							
		OPTIONS				BODIES	
Buna, Push Type Override Standard		0P				Blank Without Body	
Buna, Screw Type Override (Knob)		0S				N 3/8" BSP Ports	
Buna, Screw Type Override (Grad. Knob)		0K				S #8 SAE Ports	
						VOLTAGE	
						12 12 VDC	
						24 24 VDC	
						"F" COIL TERMINATION	
		HC DIN 43650 (Hirschmann)					
		DI Deutsch-Integral DT04-2P					
		JT AMP Jr. Timer					

NOTE: for other seals, consult factory.

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