

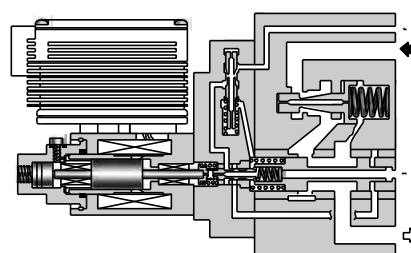
The system flow rate can be controlled remotely as desired by regulating input voltage. Further, since pressure and temperature compensation functions are provided, the preselected flow rate is not affected by pressure (load) or temperature (fluid viscosity).

#### Specifications

Model Numbers	EHF* G-03- 60 125	EHF* G-06-250
Description		
Max. Operating Pres. MPa (PSI)	20.6 (3000)	24.5 (3550)
Max. Metred Flow L/min (U.S.GPM)	<b>60</b> : 60 (15.8) <b>125</b> : 125 (33)	250 (66)
Min. Metred Flow L/min (U.S.GPM)	<b>1</b> (.26)	2.5 (.66)
Min. Differential Pressure <sup>★1</sup> MPa (PSI)	1.0 (145)	1.0 (145)
Free Flow L/min (U.S.GPM) (Only with Check Valve)	130 (34.3)	280 (73.9)
PilotFlow at Normal L/min (U.S.GPM)	0.5 ( .13)	1 ( .26)
at Transition	2.6 ( .69)	4 ( 1.06)
Min. Pilot Pressure MPa (PSI)	1.0 (145)	1.5 (215)
Frequency Response	12 Hz (-90 degree)	
Hysteresis	Less than 3%	
Repeatability	Less than 1% <sup>★2</sup>	
Coil Resistance	10 Ω	
Supply Electric Power	24 VDC (21 to 28 V DC Included Ripple)	
Power Input (Max.)	28 W	
Input signal	Max. Metred Flow / 5V DC	
Input Impedance	10 kΩ	
Ambient Temperature	0 - 50℃ (32 - 122℉) (With Circulated Air)	

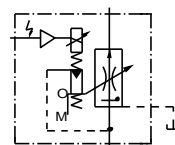
- ★1. Minimum differential pressure means fine pressure compensation at inlet and outlet  
★2. port.

The repeatability of the valve is obtained by having it tested independently on the conditions similar to its original testing.

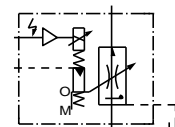


#### Graphic Symbols

##### ● EHFG

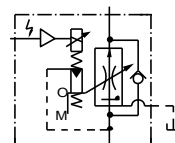


Internal Pilot

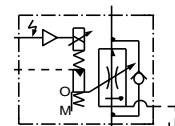


External Pilot

##### ● EHFCG



Internal Pilot



External Pilot

#### Model Number Designation

EHF	G	-03	-60	-E	-50
Series Number	Type of Mounting	Valve Size	Max. Metred Flow L/min (U.S.GPM)	Pilot Connection	Design Number
<b>EHF:</b> Proportional Electro-Hydraulic Flow Control Valve	<b>G:</b> Sub-Plate Mounting	<b>03</b>	<b>60</b> : 60 (15.8) <b>125</b> : 125 (33)	<b>None:</b> Internal Pilot	<b>50</b>
<b>EHFC:</b> Proportional Electro-Hydraulic Flow Control and Check Valve		<b>06</b>	<b>250</b> : 250 (66)	<b>E:</b> External Pilot	<b>50</b>