

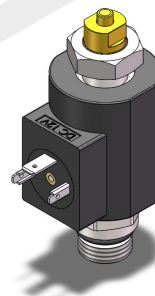
BYG09-16-01MG

Electromagnet for proportional valve

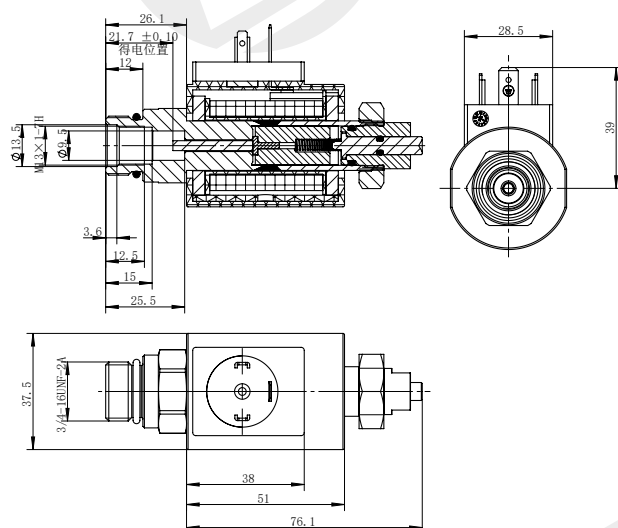
- Suitable for electro-hydraulic proportional threaded cartridge valves
- Threaded connection, coil can be replaced without stopping
- Equipped with manual adjustment device
- Coil inner hole $\phi 13$, full plastic sealing process

DC12V 1.9A
DC24V 0.95A

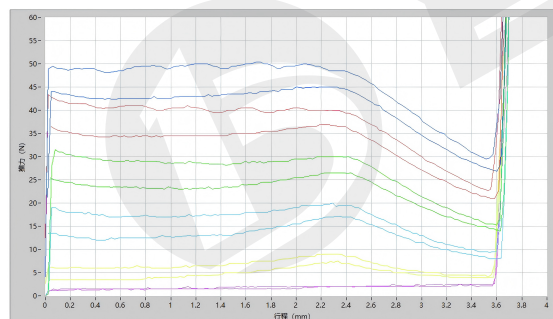
Other can be customized



Outline and connection dimensions



F-S characteristic curve



The sample data comes from the laboratory environment and is only for reference. If your company needs the latest data or has special needs, please contact Boye hydraulic engineer.

technical parameter			
Ambient temperature	°C	-25~50	
Rated voltage	VDC	12	24
Rated current	A	1.9	0.95
Maximum current	A	2.26	1.17
Rated resistance	Ω	5.3	20.4
Rated stroke	mm	2.6	
Full stroke	mm	3.6	
Rated thrust	N	50	
Force hysteresis	%	≤ 4	
Current hysteresis	%	≤ 4	
Repetition accuracy	%	≤ 1	
Working oil pressure	MPa	≤ 21	
Degree of protection		IP65	
Power on duration	%	100	
Insulation class		H (180)	
Electrical connection mode		DIN43650	

matters needing attention

1. After the first use or long-term shutdown, please exhaust the air in the system first!
2. It can be installed in any direction, and it is recommended to install horizontally.