

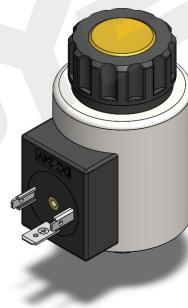
BYG07-45-03G

Electromagnet for proportional valve

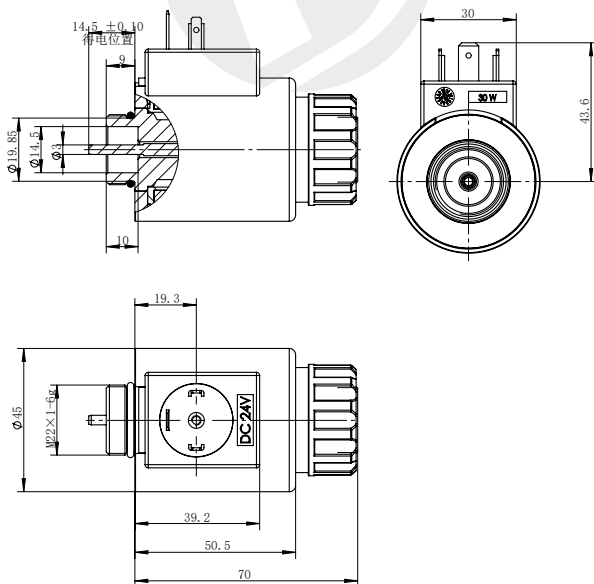
- Applicable to electro-hydraulic proportional threaded cartridge valves
- Threaded connection, coil can be replaced without stopping
- Coil inner hole $\phi 23$. All-plastic sealing process

DC12V 1.8A

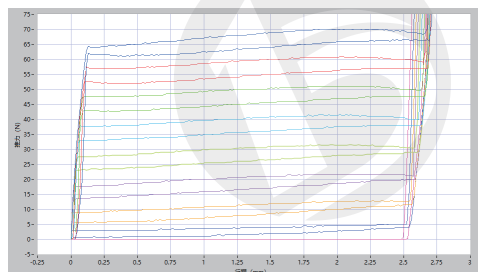
Other can be customized



Outline and connection dimensions



F-S characteristic curve



technical parameter

Ambient temperature	°C	-25~50
Rated voltage	VDC	12
Rated current	A	1.8
Maximum current	A	2.33
Rated resistance	Ω	3.30
Rated stroke	mm	3.2
Full stroke	mm	6.7
Rated thrust	N	80
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.