

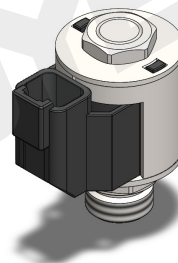
# BYG10-13-01D

Electromagnet for proportional valve

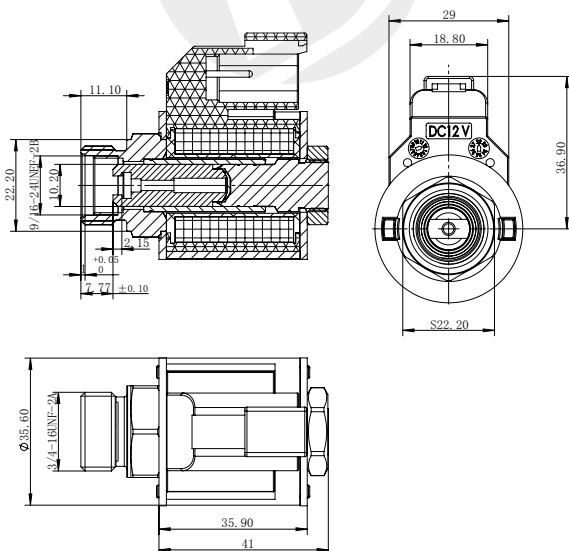
- Suitable for sp08-20 series electro-hydraulic proportional screw-in cartridge valves
- Threaded connection, coil can be replaced without stopping
- Coil inner hole  $\phi 13$ . All-plastic sealing process

**DC12V 16W**  
**DC24V 16W**

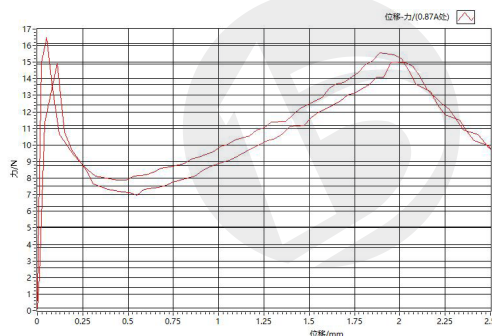
Other can be customized



## Outline and connection dimensions



## F-S characteristic curve



## technical parameter

|                            |     |         |      |
|----------------------------|-----|---------|------|
| Ambient temperature        | °C  | -25~50  |      |
| Rated voltage              | VDC | 12      | 24   |
| Rated power                | W   | 16      |      |
| Rated resistance           | Ω   | 8.80    | 36.2 |
| Rated stroke               | mm  | 2.8     |      |
| Rated thrust               | N   | 20      |      |
| Force hysteresis           | %   | ≤ 4     |      |
| Current hysteresis         | %   | ≤ 4     |      |
| Repetition accuracy        | %   | ≤ 1     |      |
| Working oil pressure       | MPa | ≤ 21    |      |
| Degree of protection       |     | IP67    |      |
| Power on duration          | %   | 100     |      |
| Insulation class           |     | H (180) |      |
| Electrical connection mode |     | DT04-2P |      |

## 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.