

# BYG10-13-01MD

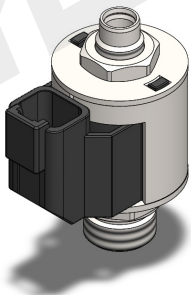
## 比例阀用电磁铁

Electromagnet for proportional valve

DC12V 16W  
DC24V 16W

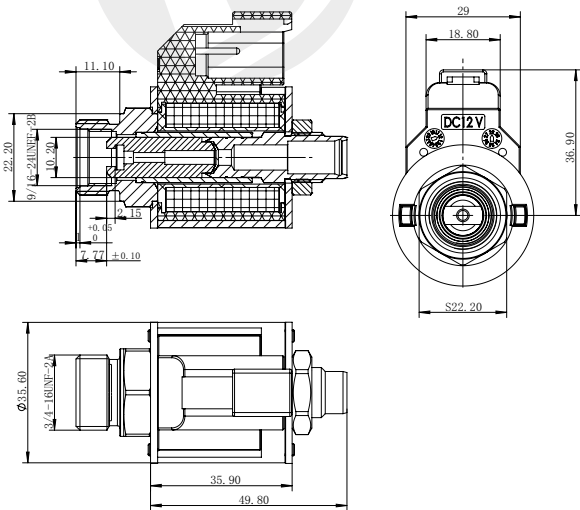
其它规格可定做  
Other can be customized

- 适用于 SP08-20M 系列电液比例螺纹插装阀
  - 螺纹连接，线圈可实现免停机更换
  - 配备手动调整装置
  - 线圈内孔  $\phi 13$ ，全塑封工艺
- Suitable for sp08-20M series electro-hydraulic proportional screw-in cartridge valves
  - Threaded connection, coil can be replaced without stopping
  - Equipped with manual adjustment device
  - Coil inner hole  $\phi 13$ , full plastic sealing process



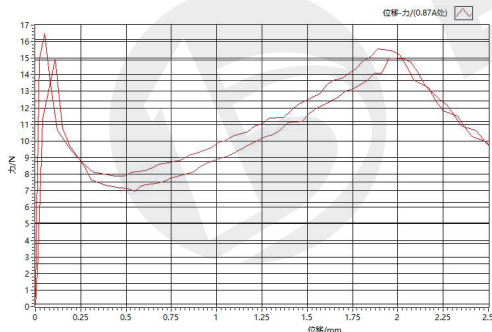
### 外形及连接尺寸

Outline and connection dimensions



### 力 - 位移特性曲线

F-S characteristic curve



| 技术参数 /technical parameter            |     |         |      |
|--------------------------------------|-----|---------|------|
| 环境温度<br>Ambient temperature          | °C  | -25~50  |      |
| 额定电压<br>Rated voltage                | VDC | 12      | 24   |
| 额定功率<br>Rated power                  | W   | 16      |      |
| 额定电阻<br>Rated resistance             | Ω   | 8.80    | 36.2 |
| 额定行程<br>Rated stroke                 | mm  | 2.8     |      |
| 额定推力<br>Rated thrust                 | N   | 20      |      |
| 力滞环<br>Force hysteresis              | %   | ≤ 4     |      |
| 电流滞环<br>Current hysteresis           | %   | ≤ 4     |      |
| 重复精度<br>Repetition accuracy          | %   | ≤ 1     |      |
| 工作油压<br>Working oil pressure         | MPa | ≤ 21    |      |
| 防护等级<br>Degree of protection         |     | IP67    |      |
| 通电持续率<br>Power on duration           | %   | 100     |      |
| 绝缘等级<br>Insulation class             |     | H (180) |      |
| 电气连接方式<br>Electrical connection mode |     | DT04-2P |      |

### 注意事项

matters needing attention

1. 首次使用或长期停机后启用，请先将系统内空气排净！
  2. 可任意方向安装，建议水平安装。
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.

样本数据来源于试验室环境，仅供参考，贵公司如需最新数据或有特殊需求，欢迎联系博业液压工程师。  
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.