

# BYM10-50R-01G

## 螺纹插装阀用电磁铁

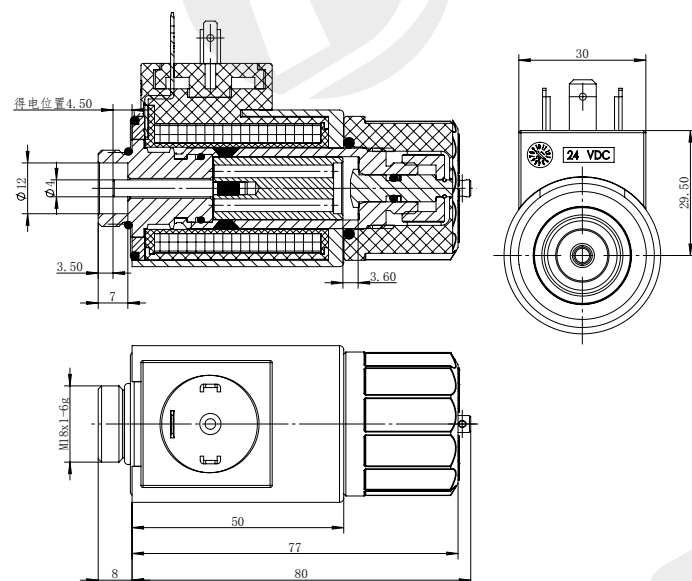
Solenoid for threaded cartridge valve

- 适用于 SVS-50 系列电液螺纹插装阀
- 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  $\phi 19$ ，全塑封工艺

- Applicable to SVS-50 Series of electro-hydraulic threaded cartridge valves
- Threaded connection, coil can be replaced without stopping
- Equipped with manual adjustment device
- Coil inner hole  $\phi 19$ . All-plastic sealing process

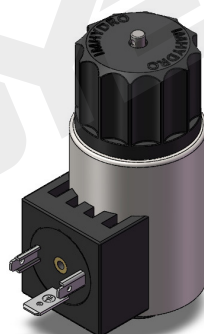
### 外形及连接尺寸

Outline and connection dimensions



DC 12V  
DC 24V

其它规格可定做  
Other can be customized

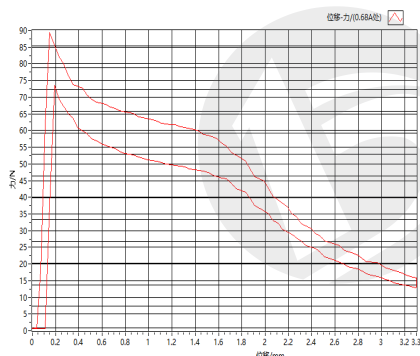


技术参数 /technical parameter

|                                      |     |          |
|--------------------------------------|-----|----------|
| 环境温度<br>Ambient temperature          | °C  | -25~50   |
| 电压波动范围<br>Voltage fluctuation range  | %   | 85~110   |
| 额定功率<br>Rated power                  | W   | 25       |
| 额定行程<br>Rated stroke                 | mm  | 2.5      |
| 全行程<br>Full stroke                   | mm  | ≥ 3.6    |
| 工作油压<br>Working oil pressure         | Mpa | ≤ 35     |
| 防护等级<br>Degree of protection         |     | IP65     |
| 操作频率<br>Operating frequency          | T/h | 12000    |
| 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 |     | DIN43650 |

### 力 - 位移特性曲线

F-S characteristic curve



### 注意事项

matters needing attention

1. 线圈不得单独通电使用，有烧损风险！
2. 非防爆线圈，不得使用在有爆炸危险的介质中！
3. 线圈安装后，必须接地可靠，否则有触电危险！

1. The coil shall not be powered on alone, which has the risk of burning!
2. Non explosion-proof coil shall not be used in medium with explosion risk!
3. After the coil is installed, it must be grounded reliably, otherwise there is a risk of electric shock !

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.