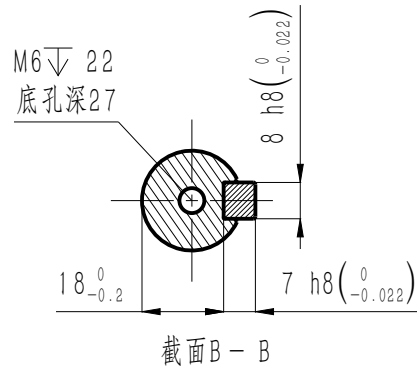


| | |
|------------|--------------------------------|
| 版本 Edition | 变更内容 Description of the change |
| B | 外形图模板变更 |

B
2026.02.12
正样



抱闸参数 Brake parameters

| | | |
|---------------------------|---------------------------------------|----------|
| 额定电压 Rated voltage | 24 \pm 10% | V DC |
| 额定功率 Rated power | 23 | W |
| 电阻(20℃) Resistance | 25 \pm 7% | Ω |
| 额定扭矩 Rated torque | 18 | N·m |
| 释放电压 Release voltage | >1.5 | V |
| 吸引电压 Pickup voltage | <18 | V |
| 吸合时间 Pickup time | <100 | ms |
| 释放时间 Release time | <60 | ms |
| 回转间隙 Rotational Clearance | <0.5° (20%额定扭矩) (20% Rated torque) | |

电机技术参数 Motor parameters

| | | |
|------------------------------|----------------|--------------------|
| 额定电压 Rated voltage | 380 | V AC |
| 额定功率 Rated power | 2.3 | kW |
| 额定扭矩 Rated torque | 14.6 | N·m |
| 峰值扭矩 Peak torque | 36.6 | N·m |
| 额定电流 Rated current | 4.6 | Arms |
| 峰值电流 Peak current | 11.6 | Arms |
| 额定转速 Rated speed | 1500 | rpm |
| 峰值转速 Maximum speed | 2500 | rpm |
| 扭矩系数 Torque constant | 3.2 | N·m/Arms |
| 反电势常数 Back EMF constant | 223.1 | V/krpm |
| 线电阻 line resistance | 2.68 | Ω |
| 线电感 line inductance | 21.8 | mH |
| 转动惯量 Moment of inertia | 27.9 \pm 10% | kg·cm ² |
| 轴向允许载荷 Axial allowable load | 196 | N |
| 径向允许载荷 Radial allowable load | 565 | N |
| 极对数 Number of pole pairs | 5 | 对 |

| | | |
|---|---|----|
| IP防护等级 Ingress Protection Rating | IP67 | |
| 绝缘等级 Insulation class | F | |
| 绝缘电阻 Insulation resistance | >100M Ω DC500V | |
| 电机重量 Motor weight | 12.4 | kg |
| 工作温度 Operating temperature | -20℃~40℃ | |
| 工作湿度 Operating humidity | 20%~80% (不结露 Non-dewfall) | |
| 推荐安装海拔 Recommend installing altitude | <1000m(1km以上降额使用) (Derate for use above 1km) | |

$\varnothing 110$ h7($_{-0.035}^0$)

0.06 A

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