



ZWBMD006006

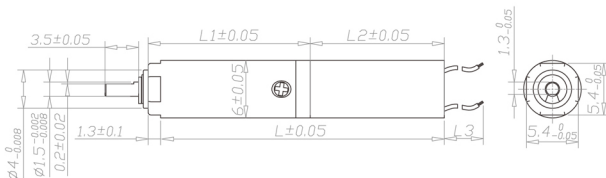
齿轮箱规格 Gearbox specifications

| | | | | |
|----------------------------|----------|--|---------------------|----------------------|
| 外径 Outer diameter | 6mm | 轴承 Bearing | 烧结轴承 Porous Bearing | 滚动轴承 Rolling bearing |
| 材质 Material | 五金 Metal | 轴向窜动 Axial endplay | ≤0.3mm | ≤0.2mm |
| 旋转方向 Direction of rotation | cc & ccw | 输出轴径向负载 Radial loading on output shaft | ≤0.5N | ≤5N |
| 齿轮箱回程差 Gear backlash | ≤3° | 工作温度 Operating temperature range | -20 ~ +85°C | |

齿轮级数 Gearbox stages

| | 1 | 2 | 3 | 4 |
|---|-------|--------------|-----------------------|-------------------------------|
| 传动比 Transmission ratio | 5 / 6 | 23 / 31 / 41 | 110 / 148 / 198 / 266 | 531 / 711 / 952 / 1275 / 1708 |
| 最大容许扭力 (gf.cm max) Max rated torque of gear box | 330 | 330 | 330 | 600 |
| 瞬间容许力矩 (gf.cm max) Instant torque of gear box | 800 | 800 | 800 | 1500 |
| 齿轮箱效率 Gearbox efficiency | 87 | 74 | 63 | 56 |
| 长度 Length | 9.7 | 12.1 | 14.5 | 16.9 |

技术插图 | Technical illustrations



马达规格参数 Motor specifications

| | | | |
|---------------------------|---|------------------|-----------|
| 马达(可选择) Motors(Optional) | 直流有刷电机、直流无刷电机、步进电机 DC brush motor, DC brushless motor, Stepper motor | 输入速度 Input speed | ≤30000rpm |
| 电压(可选择) Voltage(Optional) | 3-12V | 电流 Current | 100MA max |

| 型号 Model | Rated Speed 额定转速 | Max Speed 最高转速 | Max Rated Torque 额定容许力矩 | Max Instant Torque 瞬间容许力矩 | Gear Ratio 减速比 | Length 减速箱长 L1 | Overall Length 总长 L |
|------------------|------------------|----------------|-------------------------|---------------------------|----------------|----------------|---------------------|
| | rpm | rpm | gf.cm | gf.cm | | mm | mm |
| ZWBMD006006-5 | 1563 | 6250 | 330 | 800 | 4.8 | 9.7 | 23.7 |
| ZWBMD006006-6 | 1166 | 4666 | 330 | 800 | 6.43 | | |
| ZWBMD006006-23 | 326 | 1302 | 330 | 800 | 23.04 | 12.1 | 26.1 |
| ZWBMD006006-31 | 243 | 972 | 330 | 800 | 30.86 | | |
| ZWBMD006006-41 | 181 | 726 | 330 | 800 | 41.33 | | |
| ZWBMD006006-110 | 68 | 271 | 330 | 800 | 110.6 | | |
| ZWBMD006006-148 | 51 | 203 | 330 | 800 | 148.1 | | |
| ZWBMD006006-198 | 38 | 151 | 330 | 800 | 198.4 | 14.5 | 28.5 |
| ZWBMD006006-266 | 28 | 113 | 330 | 800 | 265.7 | | |
| ZWBMD006006-531 | 14 | 57 | 600 | 1500 | 530.8 | | |
| ZWBMD006006-711 | 11 | 42 | 600 | 1500 | 711.0 | 16.9 | 30.9 |
| ZWBMD006006-952 | 8 | 32 | 600 | 1500 | 952.2 | | |
| ZWBMD006006-1275 | 6 | 24 | 600 | 1500 | 1275.2 | | |
| ZWBMD006006-1708 | 4 | 18 | 600 | 1500 | 1707.9 | | |

注：可根据客户要求定制 Can customize product as requirements