



# ZWBMD006006

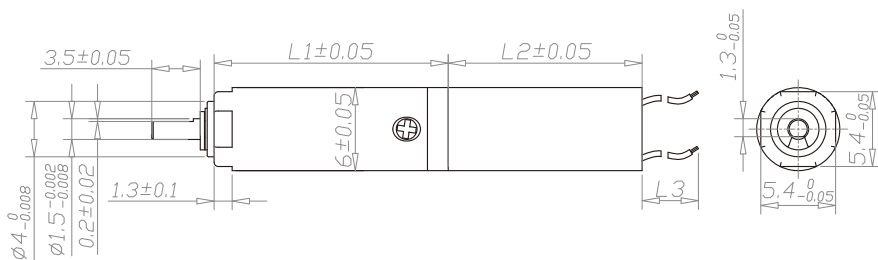
## 齿轮箱规格 Gearbox specifications

|        |                       |          |         |                                |                     |                      |
|--------|-----------------------|----------|---------|--------------------------------|---------------------|----------------------|
| 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                          |

## 推荐产品 | RECOMMENDED PRODUCTS



## 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<br>DC brush motor, DC brushless motor, Stepper motor | 输入速度 Input speed | ≤3000rpm  |
| 电压(可选择) Voltage(Optional) | 3-12V   | 电流 Current       | 100MA max |

| 型号 Model         | Rated Speed<br>额定转速 | Max Speed<br>最高转速 | Max Rated Torque<br>额定容许力矩 | Max Instant Torque<br>瞬间容许力矩 | Gear Ratio<br>减速比 | Length<br>减速箱长 L1 | Overall Length<br>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             | 14.5              | 28.5                   |
| ZWBMD006006-148  | 51                  | 203               | 330                        | 800                          | 148.1             |                   |                        |
| ZWBMD006006-198  | 38                  | 151               | 330                        | 800                          | 198.4             |                   |                        |
| ZWBMD006006-266  | 28                  | 113               | 330                        | 800                          | 265.7             |                   |                        |
| ZWBMD006006-531  | 14                  | 57                | 600                        | 1500                         | 530.8             | 16.9              | 30.9                   |
| ZWBMD006006-711  | 11                  | 42                | 600                        | 1500                         | 711.0             |                   |                        |
| 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