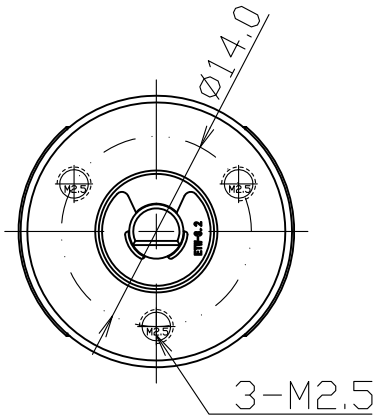
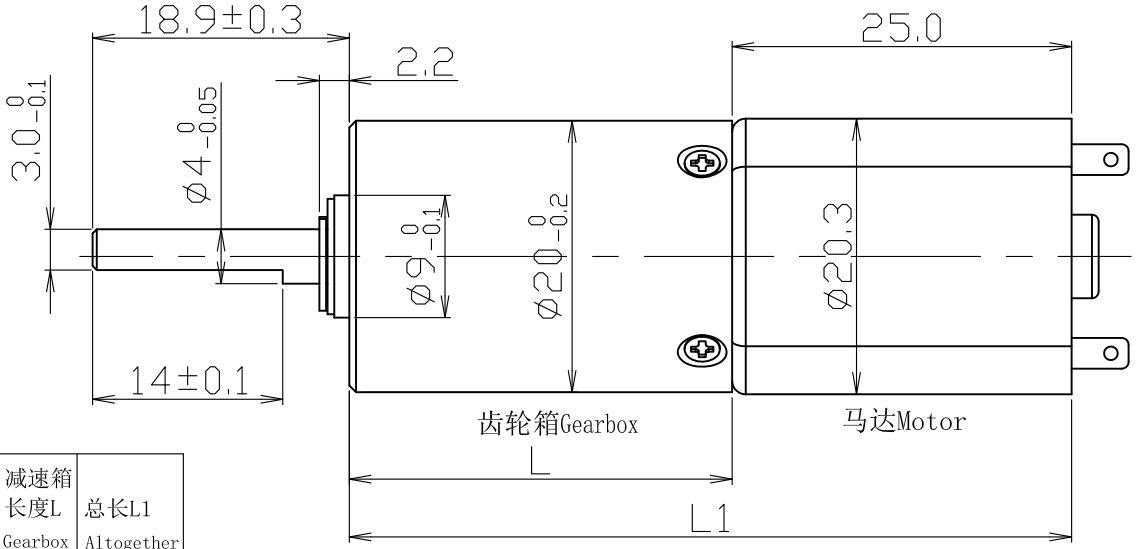
| A4 | REVISIONS | | | |
|---|---|---|---|---|
| ZONE | REV | DESCRIPTION | DATE | APPROVED |
| | | | | |
| | | | | |

# 20mm金属行星减速箱多种减速比

# 20mm Metal planetary reduction gearbox, Multiple reduction ratio




| 产品规格 Specifications | 额定值 Rated | 空载 No load | | 额定负载 Rated load | | | 堵转 At Stall | | 减速箱长度L | 总长L1 |
|---|---|---|---|---|---|---|---|---|---|---|
| | 电压 | 转速 | 电流 | 转速 speed | 电流 Current | 扭矩 Torque | 电流 Current | 扭矩 Torque | Gearbox length L | Altogether length L1 |
| | VDC | rpm | mA | rpm | mA | g.cm | mA | kg.cm | mm | mm |
| GB20-4-MD19002-1-M | 12.0 | 1800 | 50 | 1500 | 110 | 30 | 550 | 0.2 | 17.6 | 42.6 |
| GB20-6-MD19002-1-M | 12.0 | 1200 | 50 | 1000 | 110 | 50 | 550 | 0.3 | | |
| GB20-16-MD19002-1-M | 12.0 | 450 | 50 | 380 | 115 | 110 | 550 | 0.65 | 22.9 | 47.9 |
| GB20-24-MD19002-1-M | 12.0 | 300 | 50 | 255 | 115 | 170 | 550 | 1 | | |
| GB20-36-MD19002-1-M | 12.0 | 200 | 50 | 170 | 115 | 260 | 550 | 1.5 | | |
| GB20-64-MD19002-1-M | 12.0 | 110 | 60 | 95 | 120 | 400 | 550 | 2.4 | 28.2 | 53.2 |
| GB20-96-MD19002-1-M | 12.0 | 75 | 60 | 60 | 120 | 600 | 550 | 3.5 | | |
| GB20-144-MD19002-1-M | 12.0 | 50 | 60 | 40 | 120 | 900 | 550 | 5.4 | | |
| GB20-216-MD19002-1-M | 12.0 | 33 | 60 | 27 | 120 | 1300 | 550 | 8.2 | | |
| GB20-256-MD19002-1-M | 12.0 | 28 | 60 | 23 | 130 | 1400 | 550 | 8.5 | 33.5 | 58.5 |
| GB20-384-MD19002-1-M | 12.0 | 18 | 60 | 16 | 130 | 2100 | 550 | 12.5 | | |
| GB20-576-MD19002-1-M | 12.0 | 12 | 60 | 10 | 130 | 3200 | 550 | 19 | | |
| GB20-864-MD19002-1-M | 12.0 | 8.5 | 60 | 7 | 130 | 4800 | 550 | 29 | | |
| GB20-1296-MD19002-1-M | 12.0 | 5.7 | 60 | 4.5 | 130 | 7200 | 550 | 42 | | |
| Noise≤55db | | | | | | | | | | |

1. 最大容许扭矩:10kg.cm
2. 瞬间容许扭矩：25kg.cm
3. 回程差≤3°
4. 输出轴径向负载≤50N

1. Maximum allowable torque:10kg.cm
2. Instantaneous allowable torque：25kg.cm
3. Poor return journey≤3°
4. Output shaft radial load≤50N

噪声测试方法：探头距减速器20cm,环境噪音31db测试

Noise test method: 20cm away from the reducer, environmental noise 31db

| Tolerance (GB/T1804) | |
|---|---|
| Size Range | Tolerance |
| Under3 | ±0.05 |
| 3～6 | ±0.05 |
| 6～20 | ±0.1 |
| Above20 | ±0.15 |

| 制图 Formulate | 黄朝文 | 2021-7-26 | 外形图 Outside Drawing | | | | 客户确认 Confirmation Approved |
|---|---|---|---|---|---|---|---|
| 审核 Audit | | | PART NO.:. | | | | |
| 批准 Approved | | | Scale | 1:1 | version | A | |
| | | | | | 重量 | | |

FORWA 科华精密工业技术有限公司 FORWA PRECISION INDUSTRIAL TECHNOLOGY CO., LTD.