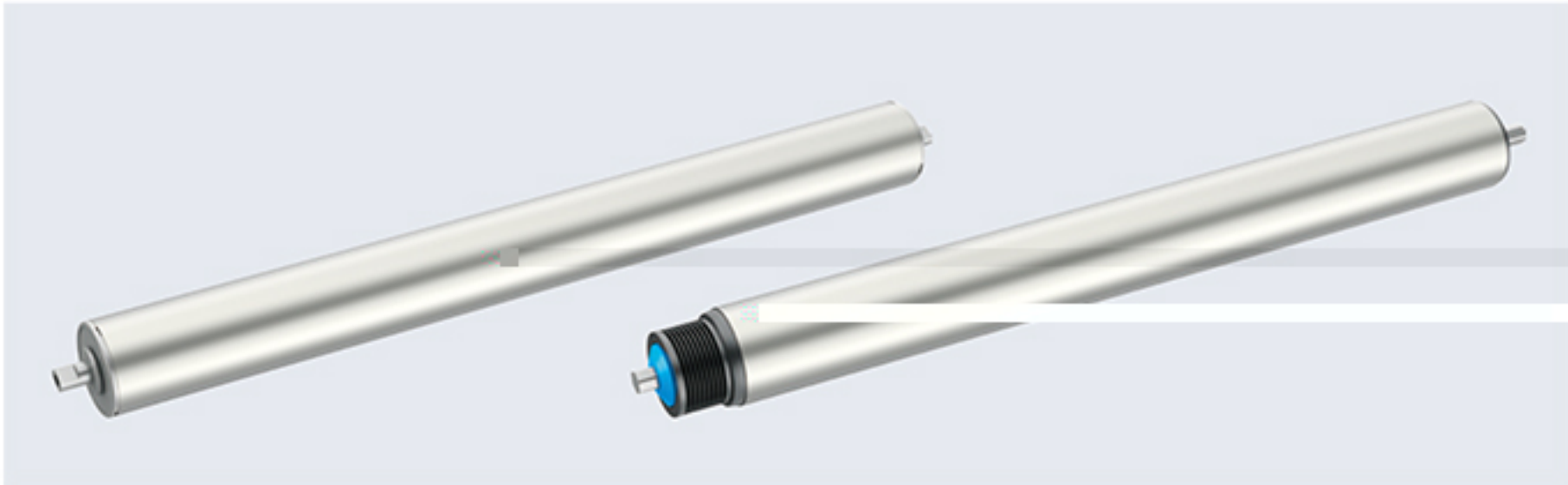


BLDG50 电动滚筒 BLDG50 Drum Motor



产品概述 Product Description

此款电动滚筒式空间极其有限的情况下，仍可以安装得到要求的力矩。采用高合金钢精磨齿轮和行星传动结构为主体设计，具有性能可靠、免维护、免加油、适合较小的安装空间等诸多优点。适用于多个领域：

This type of drum motor can be installed in limited space and meet the torque requirement. Using alloy steel grinded gears and planetary transmission structure, it is reliable, free of maintenance and oil-renewing, space-saving. It can be use in many fields:

- 超市收银台 Supermarket cashier
- 包装机械 Packaging machinery
- 皮带输送线 Belt conveyor line

BLDG50 电动滚筒特征 BLDG50 Characteristics Of Drum Motor

●筒体 Drum Shell

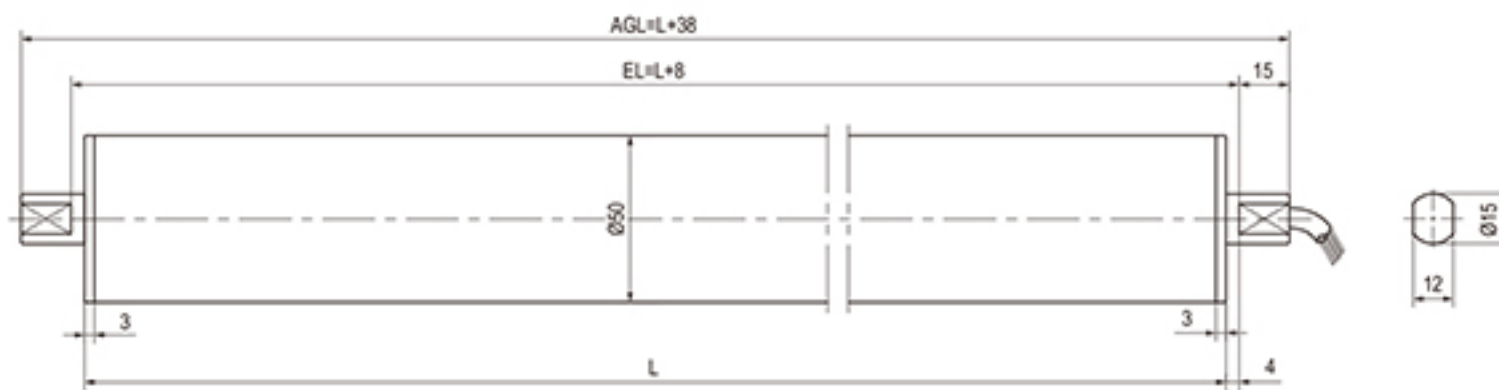
- 标准筒体为低碳钢材质 • 食品级筒体为 304 不锈钢 • 标准筒体表面加工有防滑滚花 • 齿轮传动 • 高合金钢精磨齿轮，确保传动时低噪音 • 行星齿轮传动
- Material of standard drum shell is mild steel • Food grade shell is 304 stainless steel • Standard cylinder rolling mill gear slip flower-gear • Gear drive • High alloy steel precision, ensures low noise transmission • Planetary gear transmission

电机基本特性 Basic Characteristics Of Motor

●外径 50 滚筒 (DC 电源时适用于 24VDC/48VDC) External diameter 50 drum motor (DC Power Supply When Applied To 24VDC/48VDC)

| 项目 Item                             |                                                 | 单位 Units                                                                                                                                   | 参数 Parameters |          |
|-------------------------------------|-------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|---------------|----------|
| 额定功率 (连续) Rated power (continuous)  |                                                 | W                                                                                                                                          | 40            | 60       |
| 额定转速 Rated speed                    |                                                 | r/min                                                                                                                                      | 3500          | 3500     |
| 额定转矩 Rated torque                   |                                                 | N.m                                                                                                                                        | 0.11          | 0.16     |
| 瞬时最大转矩 Instantaneous maximum torque |                                                 | N.m                                                                                                                                        | 0.44          | 0.64     |
| 速度控制范围 Speed control range          |                                                 | RPM                                                                                                                                        | 200~3500      | 200~3500 |
| 速率变化率<br>Speed control range        | 对负载 On load                                     | ± 1.0% 以下：条件 0~ 额定转矩、额定转速、额定电压、常温<br>Below ± 1%: condition 0~ rated torque, rated speed, rated voltage, room temperature                   |               |          |
|                                     | 对电压 On voltage                                  | ± 1.0% 以下：条件额定电压 ± 10%、额定转速、额定负载、常温<br>Below ± 1%: condition rated voltage ± 10%, rated speed, rated load, room temperature                |               |          |
|                                     | 对温度 On temperature                              | ± 1.0% 以下：条件使用环境温度 0~+40℃ 额定转速、额定负载、额定电压<br>Below ± 1%: conditions of ambient temperature 0~+40℃ rated voltage, rated load and rated speed |               |          |
| 电源输入<br>Power input                 | 额定电压 Rated voltage                              | V                                                                                                                                          | 24VDC         | 24VDC    |
|                                     | 电压容许范围 Voltage tolerance range                  |                                                                                                                                            | 10%           | 10%      |
|                                     | 额定输入电流 Rated input current                      | A                                                                                                                                          | 2.40          | 3.60     |
|                                     | 瞬时最大输入电流<br>Instantaneous maximum input current | A                                                                                                                                          | 9.60          | 14.4     |

■ BLDG50 皮带输送滚筒尺寸图 BLDG50 Belt Conveying Drum Motor Outline Dimensions

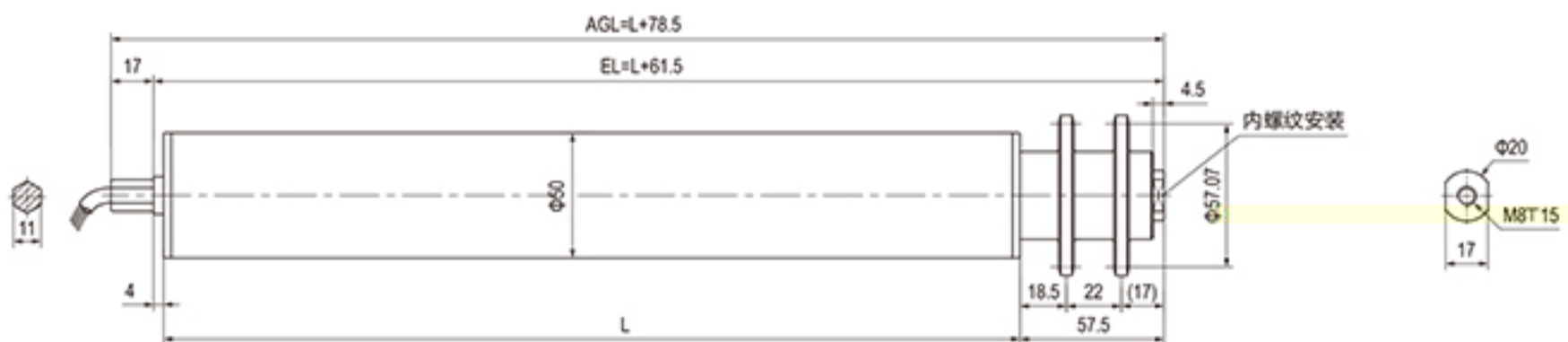


■ BLDG50 料箱输送滚筒尺寸图 BLDG50 Material Box Conveying Drum Motor Outline Dimensions

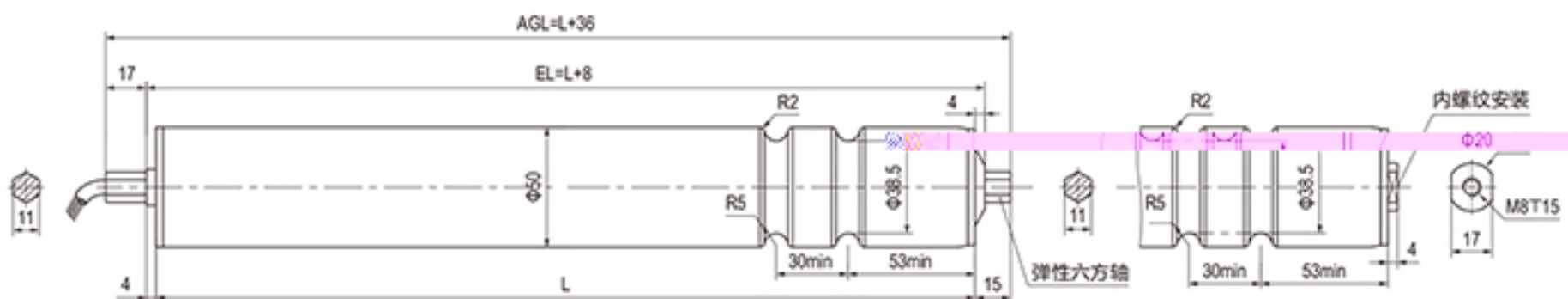
多楔带 PJ 型 (9 槽)



双链 (08B 14T)



0 型槽 双槽型 (R5)



■ BLDG50 机械参数 BLDG50 Mechanical Parameters

| 额定功率 P<br>Rated Power P<br>W | 齿轮箱级数<br>Gear Box Series | 减速比 i<br>Reduction Ratio i | 额定转速 n<br>Rated Speed n<br>RPM | 额定线速度 V<br>Rated Speed V<br>m/min | 额定扭矩 T<br>Rated Torque T<br>N.m | 牵引力 F<br>Traction F<br>N | 最小筒长 L<br>Min Tube Length L<br>mm |
|------------------------------|--------------------------|----------------------------|--------------------------------|-----------------------------------|---------------------------------|--------------------------|-----------------------------------|
| 40                           | 1                        | 3                          | 1167.00                        | 183                               | 0.3                             | 12                       | 270                               |
|                              |                          | 4                          | 875.00                         | 137                               | 0.41                            | 16                       | 270                               |
|                              |                          | 5                          | 700.00                         | 110                               | 0.51                            | 20                       | 270                               |
|                              |                          | 8                          | 438.00                         | 69                                | 0.81                            | 32                       | 270                               |
|                              | 2                        | 12                         | 292.00                         | 46                                | 1.13                            | 45                       | 280                               |
|                              |                          | 16                         | 219.00                         | 34                                | 1.5                             | 60                       | 280                               |
|                              |                          | 20                         | 175.00                         | 27                                | 1.88                            | 75                       | 280                               |
|                              |                          | 25                         | 140.00                         | 22                                | 2.35                            | 94                       | 280                               |
|                              |                          | 32                         | 109.00                         | 17                                | 3                               | 120                      | 280                               |
|                              |                          | 40                         | 88.00                          | 14                                | 3.75                            | 150                      | 280                               |
|                              |                          | 60                         | 58.00                          | 9                                 | 5.63                            | 225                      | 300                               |
|                              | 3                        | 80                         | 44.00                          | 7                                 | 6.99                            | 280                      | 300                               |
|                              |                          | 100                        | 35.00                          | 5                                 | 8.73                            | 349                      | 300                               |
| 60                           | 1                        | 3                          | 1167.00                        | 183                               | 0.46                            | 18                       | 270                               |
|                              |                          | 4                          | 875.00                         | 137                               | 0.41                            | 16                       | 270                               |
|                              |                          | 5                          | 700.00                         | 110                               | 0.76                            | 30                       | 270                               |
|                              |                          | 8                          | 438.00                         | 69                                | 1.22                            | 49                       | 270                               |
|                              | 2                        | 12                         | 292.00                         | 46                                | 1.69                            | 68                       | 280                               |
|                              |                          | 15                         | 233.00                         | 37                                | 2.11                            | 84                       | 280                               |
|                              |                          | 20                         | 175.00                         | 27                                | 2.82                            | 113                      | 280                               |
|                              |                          | 25                         | 140.00                         | 22                                | 3.52                            | 141                      | 280                               |
|                              |                          | 32                         | 109.00                         | 17                                | 4.51                            | 180                      | 280                               |
|                              |                          | 40                         | 88.00                          | 14                                | 5.63                            | 225                      | 280                               |
|                              |                          | 60                         | 58.00                          | 9                                 | 7.86                            | 314                      | 300                               |

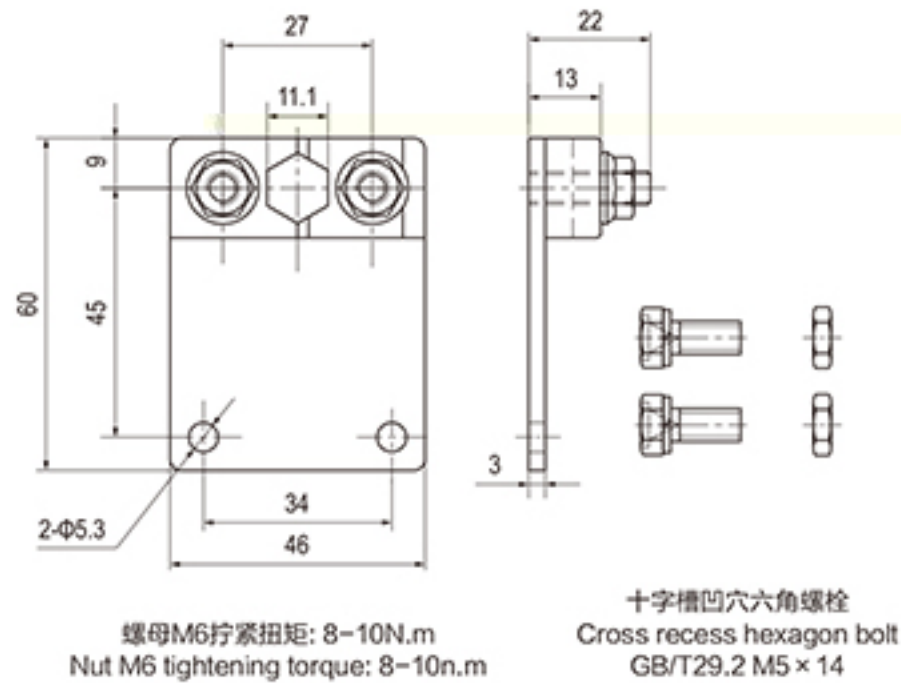
• 我们也提供其他线速度 V 要求和更短筒长 L 的特殊订制滚筒，请联系我们获取详细信息。



# BLDG50 安装支架 BLDG50 Mounting Bracket

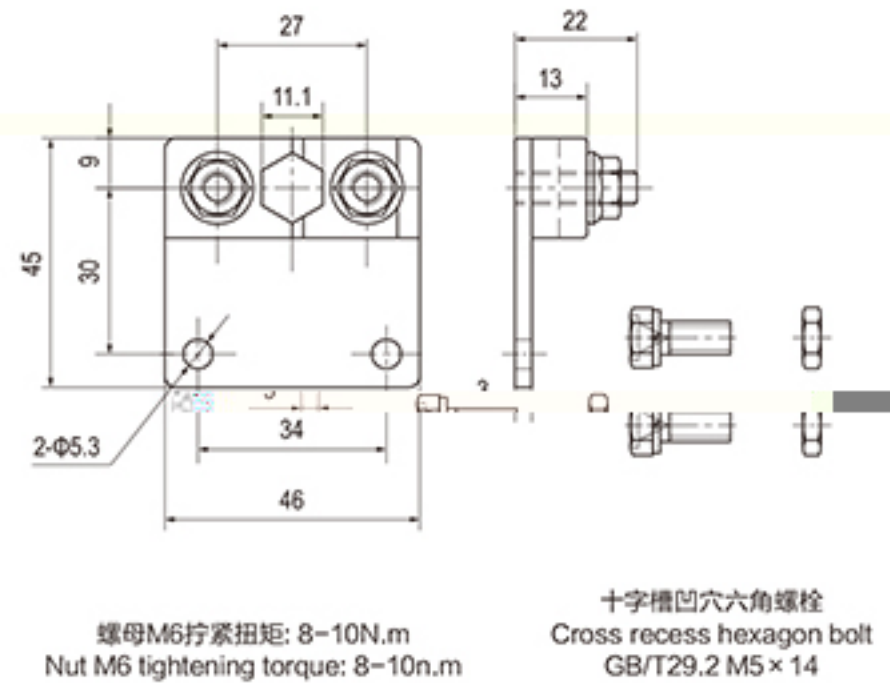
标准型安装支架 (电缆端)

Standard mounting bracket (cable end)



紧凑型安装支架 (电缆端)

Compact mounting bracket (cable end)



可选安装支架 (非电缆端)

Optional mounting bracket (not cable end)

