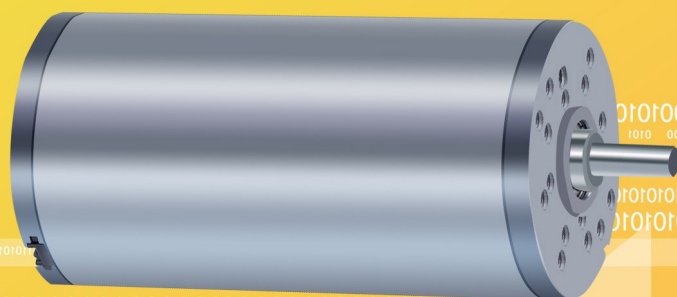
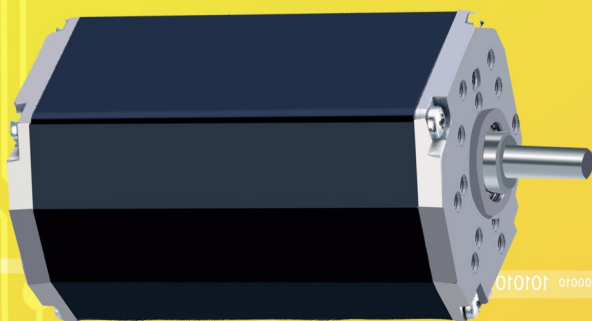
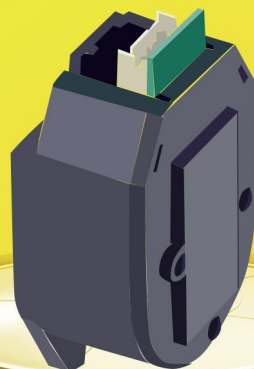


MOTer

Selected Motion Solutions

德国品质 卓越动力



默拓 (江苏) 电气驱动技术有限公司
MOTer (Jiangsu) Electric Drive Technology Co., Ltd

致尊敬的客户：

感谢参考和使用默拓的优选运动控制方案，我们的技术源于德国并具自主产权，提供世界一流的产品和解决方案，满足客户对成本和可靠性日益增长的需求。默拓团队将持续利用杰出的工程技术和工业生产能力来满足您的要求并帮助您取得胜利。

默拓是一家高新技术企业，提供具有各种类型的高度灵活性模块化产品，除标准化的部件，还提供客户化的解决方案，也可以为有潜力的项目做全新的产品开发设计和生产。

祝愿您在事业中取得巨大的成功。

默拓团队

To valued customers:

Many thanks to reference and use MOTer selected motion solutions, our technology originates from Germany with independent property rights, and provides world class quality products and motion control solutions to meet the ever increasing demands for cost effective and reliable drive solutions. MOTer Team will continue to utilize our outstanding engineering and industrial capabilities to meet the requirements helping you to succeed.

Our comprehensive and modularity product range offers the flexibility to provide customized solutions as well as standardized components. It's available to absolutely new design and manufacture for potential projects. MOTer is a high and new technology enterprise.

Wishing you great success in your business.
MOTer Team

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技术信息--Technical Information

性能数据

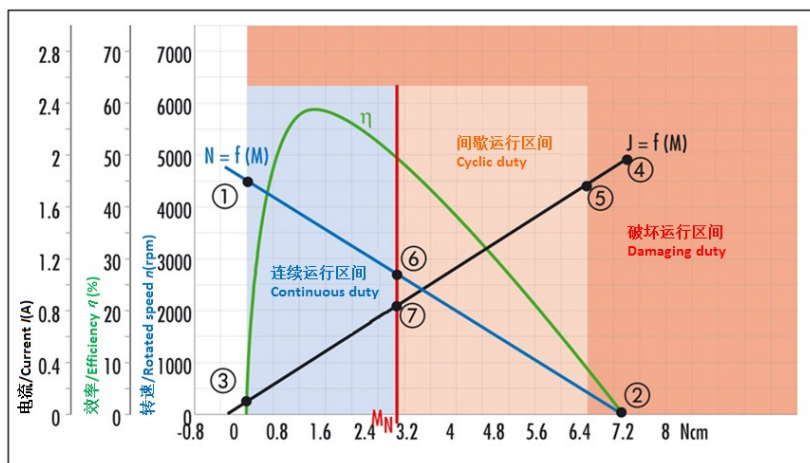
表中给出的性能数据是按照欧盟标准EN60034进行度量的，这些数据基于如下假定：电机是独立的，某些其他理论条件满足。而在实际的应用中，电机的额定转矩常常会更大一些，因为通过机械安装后，就像增加了散热片一样帮助电机散热。

在许多应用中，从电机的特性曲线图和数据表中得到数据是足够精准的，虽然没有考虑公差和温度的影响，但这些数据对于近似计算是有足够参考性的。

Performance Data

Performance figures given in the tables are measured in accordance with EN60034. These figures are based on the assumption that the motor is freestanding and that certain other theoretical conditions are fulfilled. In a real application the rated torque of motor will higher, since by assembly conditions and circulation a higher heat dissipation is achieved.

For many applications, it is sufficiently accurate to take the most important data from the motor characteristic diagrams and data sheet. Although tolerances and temperature influences are not taken into account, the data is accurate enough for approximate calculations.



电机特性曲线图

-转速曲线 (蓝色)

这个曲线显示恒定电压下的转速特性。它的端点为空载转速 n_0 (1) 和理论启动转矩 M_A (2)。

-电流曲线 (黑色)

电流曲线表明电流和转矩之间的关系。它的端点为空载电流 I_0 (3) 和启动电流 I_A (4)。

-效率曲线 (绿色)

效率是输出机械功率和输入电功率之间的关系。该曲线显示的是电机在冷态下的效率；曲线会随着温度的上升而发生相应的变化。

-额定转矩 M_N , 启动转矩 M_{max}

额定转矩(红色)是连续运行区间(蓝色区域)的界限。在额定转矩和最大容许转矩之间的区间(橘色区域)，必须以间歇的方式使用电机。在超过容许转矩的运行区间内(红色区域)使用电机将导致永磁体消磁。

Motor Characteristic Diagrams

-Speed curve (blue)

This curve shows the speed characteristic at constant voltage. Its end point are no load speed n_0 (1) and the theoretical starting torque M_A (2).

-Current curve (black)

The current curve shows the relationship between current and torque. Its end point are no load current I_0 (3) and the starting current I_A (4).

-Efficiency curve (green)

The efficiency is the relationship between mechanical power output and electrical power input. It shows motor in cold condition; as motor warms up, the curve shifts accordingly.

-Rated torque M_N , Starting torque M_{max}

The rated torque (red) is the limit of the continuous duty region (shaded blue). In the region between rated torque and maximum permissible torque, motor must only be used intermittently (shaded orange). Operating conditions above the maximum permissible torque result demagnetization of permanent magnets (shaded red).

电机特性曲线图

-额定电压 U_N (伏特)

指施加于电机的直流供电电压，说明书中所有的额定值指这个电压，但电机应用中不限于此电压。

-额定转矩 M_N (牛顿-厘米)

在20°C的环境下电机连续稳定运行所能产生的转矩。

-额定转速 n_N (每分钟转速)

在额定电压下，以额定转矩(6)运行着的电机的转速。

-额定电流 I_N (安培)

当电机以额定转矩(7)运转时，直流驱动电源输出的电流。

-启动电流 I_A (安培)

产生启动转矩所需要的电流。对于匹配设备的电机，启动电流可能大于容许的峰值电流(4)。

-启动转矩 M_A (牛顿-厘米)

电机所能产生的最大转矩(2)。

-转子的惯量 J_R (克-平方厘米)

转子的惯量是确定电机的动态特性的因素。

Motor Characteristic Diagrams

-Nominal voltage U_N (VDC)

Applied to motor as a supply voltage, all rated data in catalogs are with reference to it. Motor applications are, however, not restricted to this voltage.

-Nominal torque M_N (Ncm)

Can be produced by motor, operating continuously, in an ambient temperature of 20 °C.

-Nominal speed n_N (rpm)

Motor is operating at rated torque (6) and nominal voltage.

-Nominal current I_N (A)

Drawn from DC source when the motor is operating at rated torque(7).

-Starting current I_A (A)

Required to produce starting torque. For motors with electronics, starting current may be higher than permissible peak current(4).

-Starting torque M_A (Ncm)

Maximum torque motor can produce(2).

-Rotor inertia J_R (gcm²)

The moment of inertia of motor is the factor that determines the dynamic properties of a motor.

工程参考--Engineering Reference

工程参考

在选择电机和减速箱时应考虑以下几点：

- 直流还是交流？电压是多高？
- 需要何种类型的运行(连续、间歇或者周期性运行)？
- 电机的预期工作寿命是多久？
- 所需要的转矩和转速是多少？
- 电机的放置空间有多大？
- 有无特殊的环境要求(温度、湿度、震动...)？
- 电机的散热能力可达到何种程度？
- 是否需要考虑额外的轴向和径向负载？
- 对电机的电子控制装置有何要求？
- 电机是否是通过总线系统实现在线控制？
- 是否需要制动器、编码器或防逆转装置？

在配置一台合适的电机时，确定所需转矩对于放置电机运行时出现热过载至关重要。可根据所需转速和扭矩来选择电机或者电机减速箱的组合。减速箱在间歇工作方式中，负载可以超过允许的持续运行的最大转矩。

我们乐于根据您的运行条件对电机进行精确调配。

Engineering Reference

The following points should be taken into account when selecting motors and gearboxes:

- DC or AC? How high is the available voltage?
- Which type of operation is required (continuous, intermittent or periodic operation)?
- What is the working life expected of motor?
- What torque and speeds are required?
- How much space is available for motor?
- Are there special environment conditions (temperature, humidity, vibration...)?
- To what degree can heat from motor be disposed of?
- Are there exceptional axial and radial shaft loads to consider?
- What demands are made of motor control electronics?
- Is motor to be controlled online via a bus system?
- Do you need brake, encoder or non-reversing device?

By dimensioning a suitable motor, determining the required torque plays a decisive role avoiding thermal overload of the motor in service. Depending on speed of rotation required, motor or motor-gearbox combination may be selected. For intermittent duty, loading above the maximum continuous torque is possible for gearbox.

We will be pleased to carry out a precise adaptation of solution to your service conditions.

轨道交通--Railway

内门

BL65或BD63 系列电机

WG31 系列减速箱

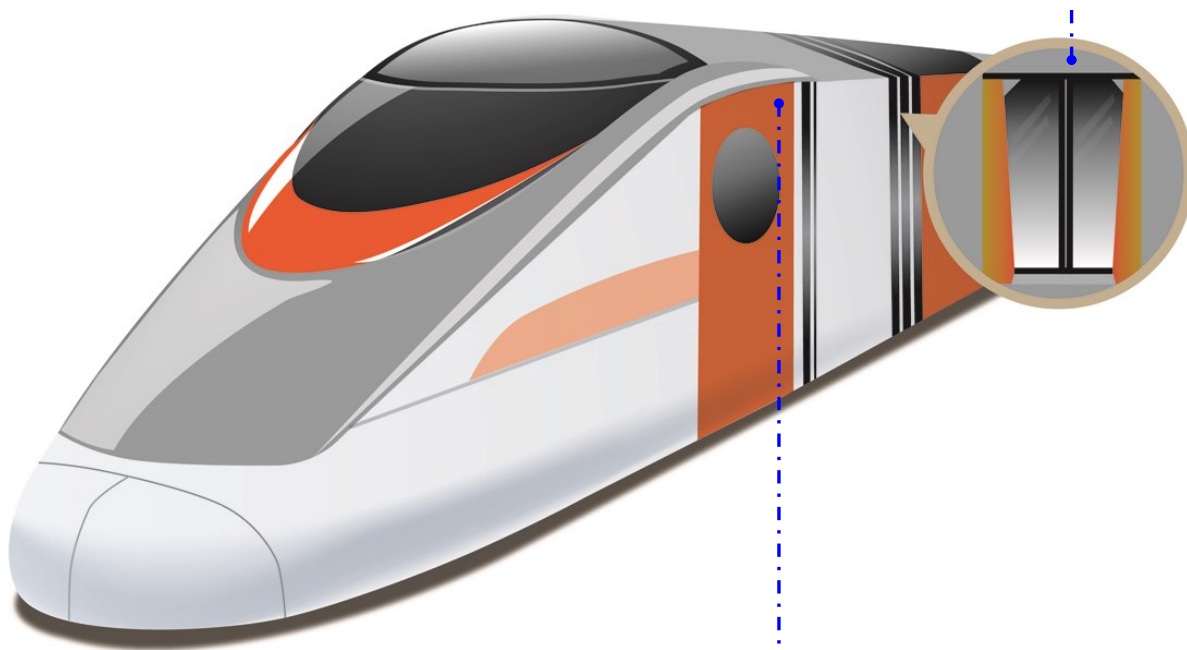
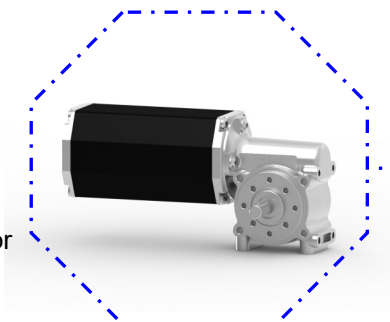
可选装编码器

Internal door

BL65 or BD63 series motor

WG31 series gearbox

Encoder in optional



外门

BL65系列电机

PG60H 或 WG31 系列减速箱

可选装制动器

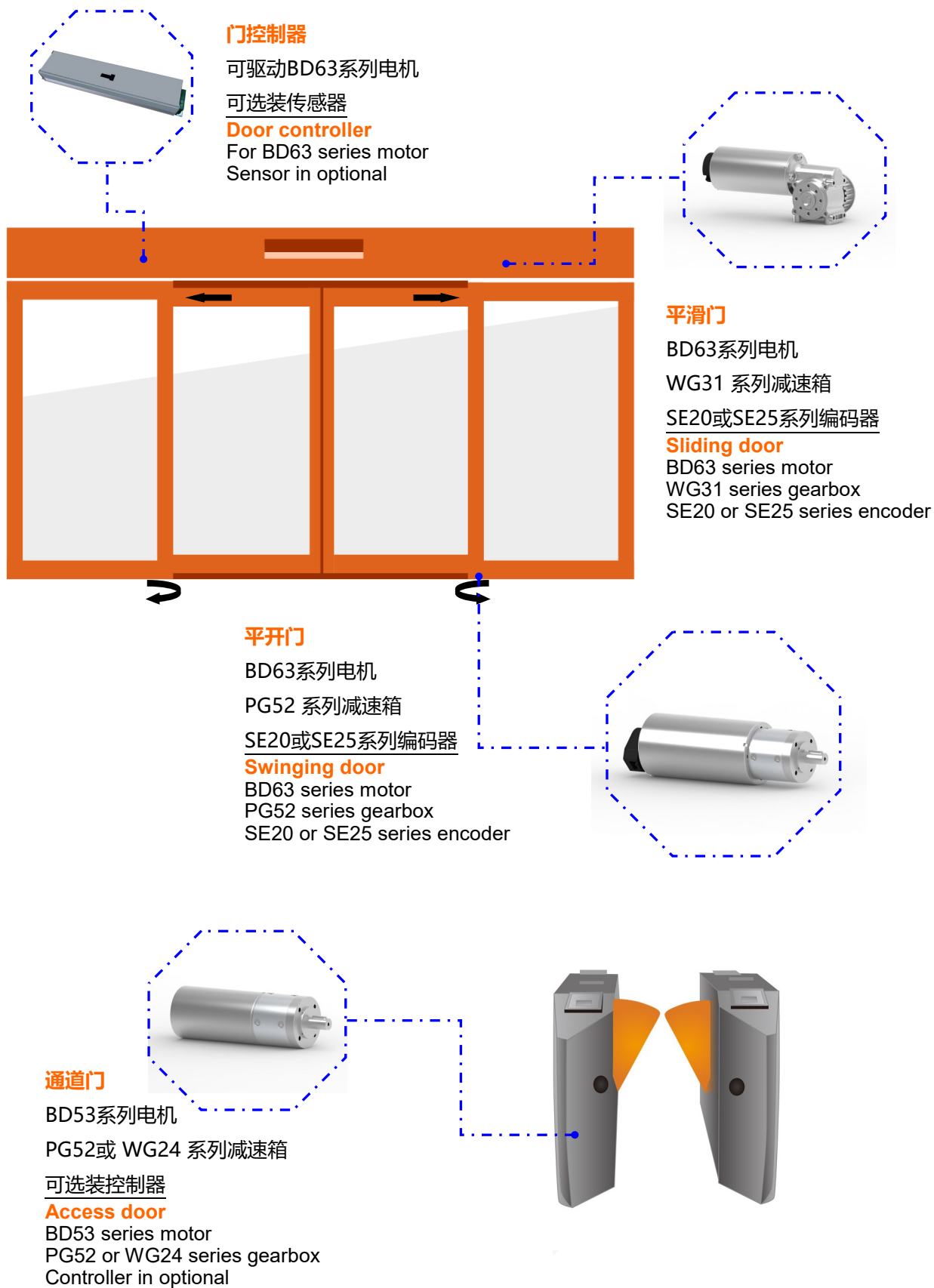
External door

BL65 series motor

PG60H or WG31 series gearbox

Brake in optional

门禁--Entrance



医疗影像--Medical Imaging

水平方向

BD63系列电机

PG52H或WG31系列减速箱

SE25系列编码器

Horizontal direction

BD63 series motor

PG52H or WG31 series gearbox

SE25 series encoder

垂直方向

BL75系列电机

SE25系列编码器

Vertical direction

BL75 series motor

SE25 series encoder

驱动器

MC系列

可选择CAN-open通信

Controller

MC series

CAN-open in optional

X光设备

BD53系列电机

PG52或WG24系列减速箱

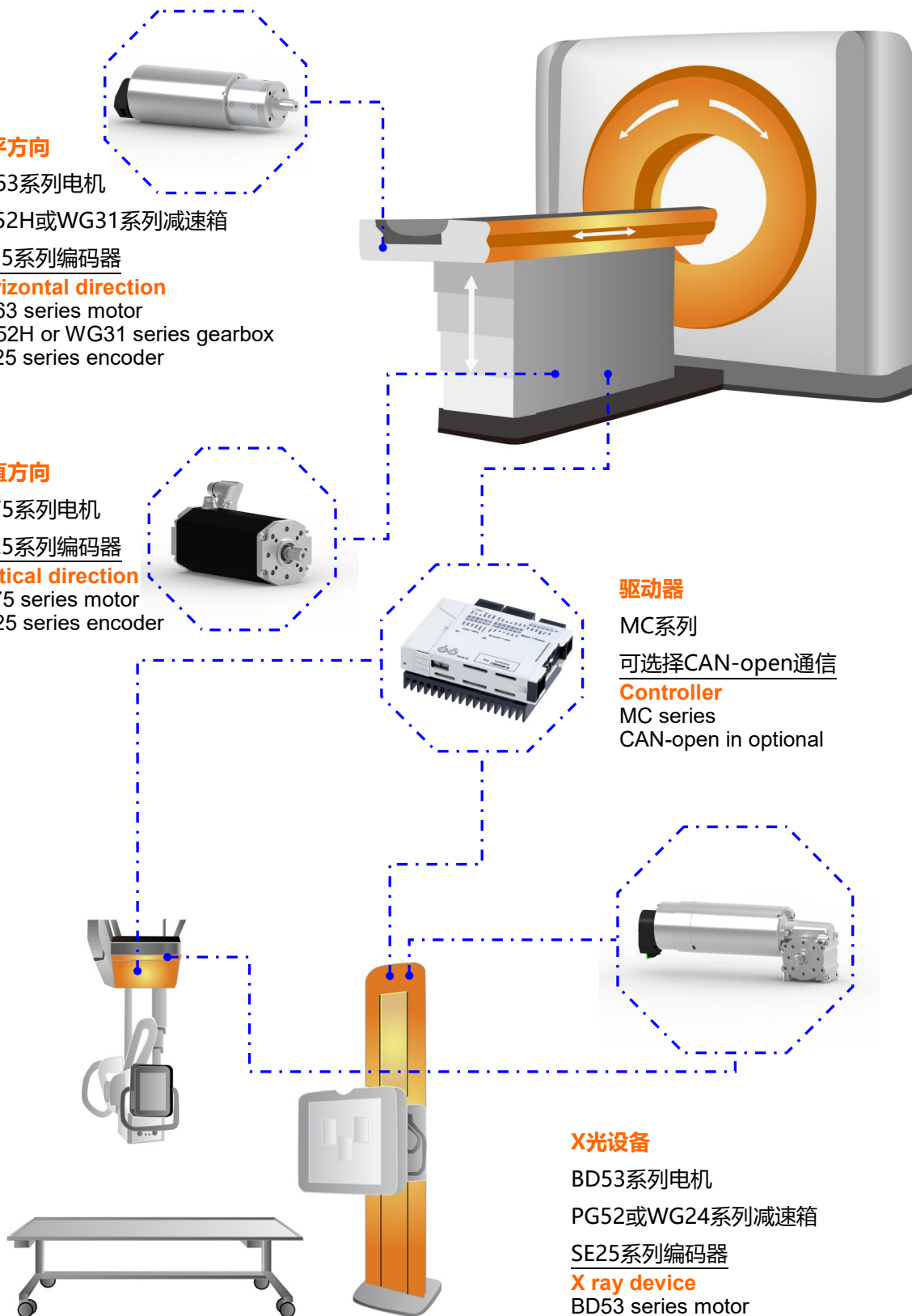
SE25系列编码器

X ray device

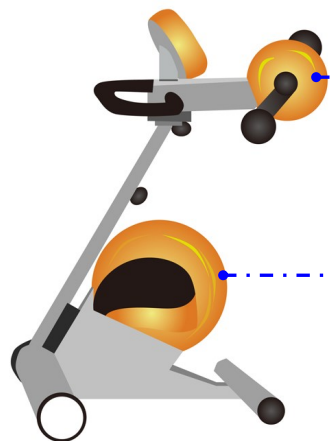
BD53 series motor

PG52 or WG24 series gearbox

SE25 series encoder



医疗器械--Medical Instrument

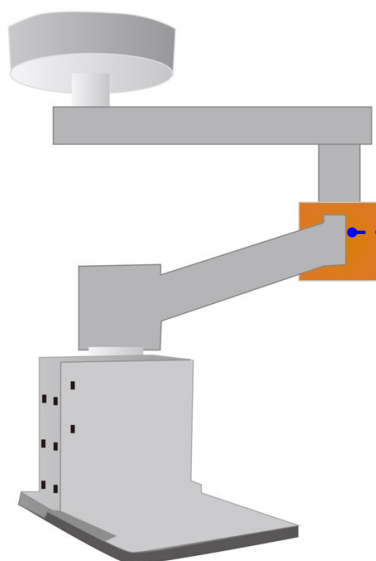
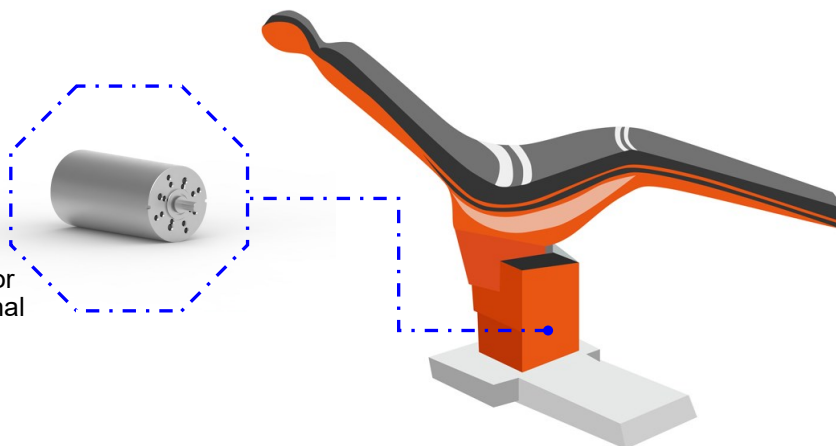


康复器械

BD63系列电机
WG31系列减速箱
SE25系列编码器
Therapeutic instrument
BD63 series motor
WG31 series gearbox
SE25 series encoder

手术床

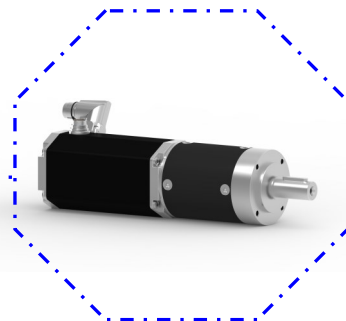
BD63 系列电机
可选装减速箱
Operating table
BD63 series motor
Gearbox in optional



吊塔

BD63系列电机
PG52或PG63系列减速箱
Ceiling pendent
BD series motor
PG52 or PG63 series gearbox

自动化—Automation



自动搬运车

BL65或BL75系列电机
PG63M或PG75M系列减速箱
可选装控制器

AGV

BL65 or BL75 series motor
PG63M or PG75M series gearbox
Controller in optional

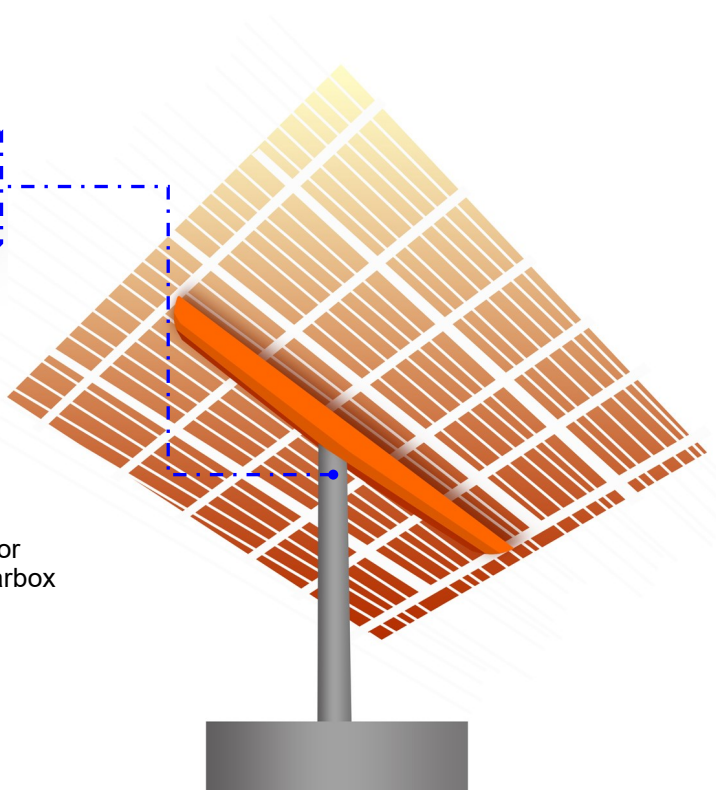


太阳能跟踪装置

BD42或BL55系列电机
PG52或PG63系列减速箱

Solar tracker

BD42 or BL55 series motor
PG52 or PG63 series gearbox



客户化定制--Customization

标准产品

模组或整机

Standard products

Module or assembly

普通定制

特殊的轴、法兰或者模组

General customization

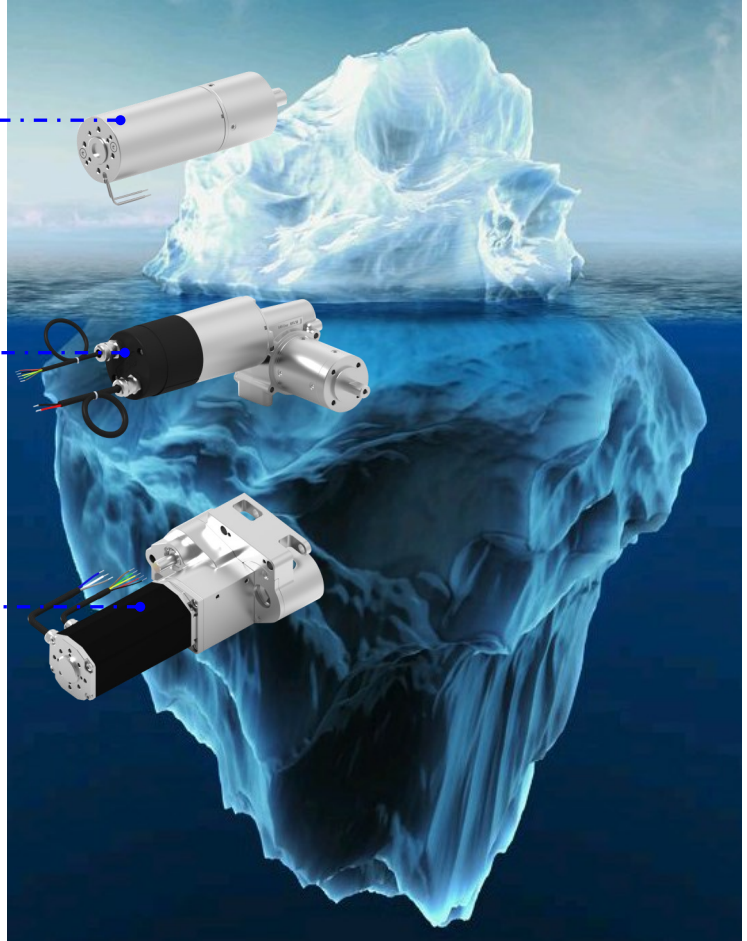
Special shaft, flange or module

完全定制

全新的产品开发

Completely customization

Totally new products development



部分使用定制方案的客户

Part clients with customized solutions

UNITED 联影
IMAGING



mindray 迈瑞

SHINVA

中国中车
CRRC

铁科院
CARS

清华同方
TSINGHUA TONGFANG

infineon



BOSCH

Panasonic

有刷电机--BD32-25, 6W



适配行星减速箱--Planetary gearbox available

适配控制器--Controller available

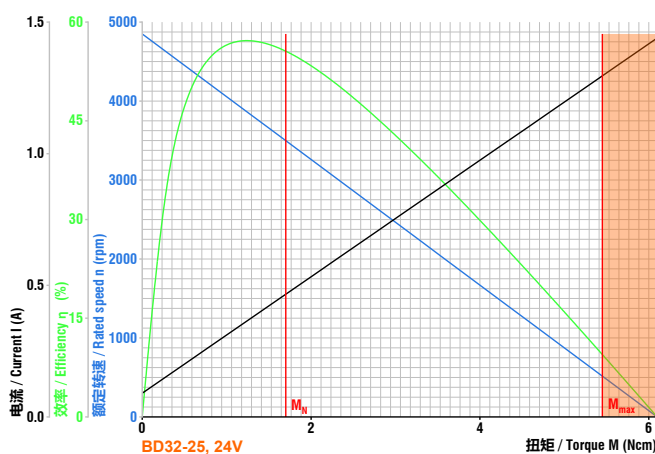
适配编码器--Encoder available

更多客户要求--More request from customer

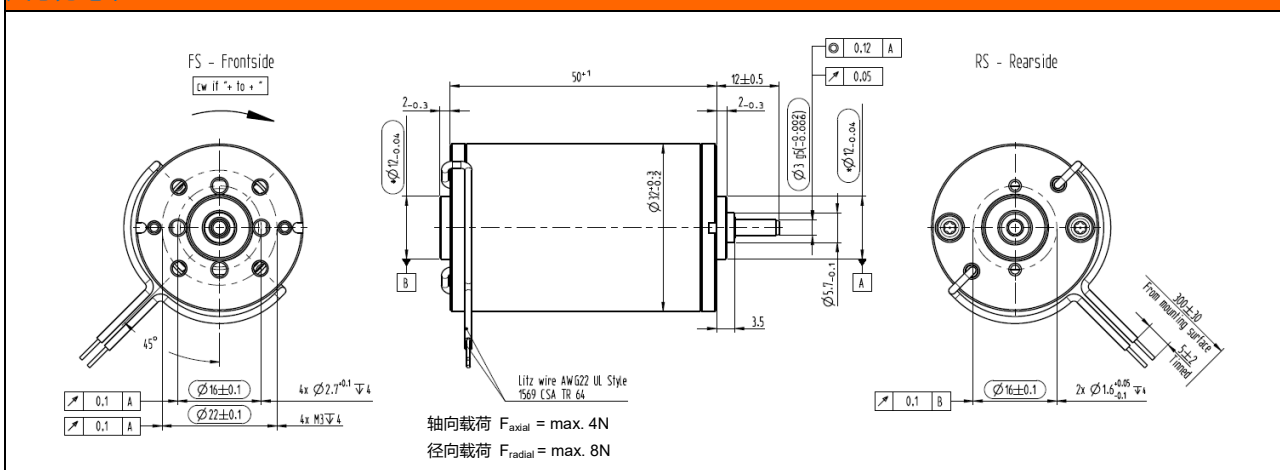
- ▶ 额定功率6瓦有刷直流电机
- ▶ 可根据需求定制不同电压的绕组
- ▶ 可根据需求提供不同尺寸的前轴和尾轴
- ▶ 使用滑动轴承，可根据要求使用滚珠轴承
- ▶ 防护等级为IP50，可根据需求提供更高的等级
- ▶ 长寿命，免维护，绝缘等级E
- ▶ Brush type DC motor in nominal power 6W
- ▶ Special voltage windings available on request
- ▶ Different shaft size available for both sides on request
- ▶ With sliding bearing, ball bearing available
- ▶ Protection class IP50, higher class available on request
- ▶ Longer lifetime, maintenance-free, insulation class E

24V数据和曲线--Data and curve of 24V

额定电压 Nominal voltage	24 VDC	转矩常数 Torque constant	4.52 Ncm A ⁻¹
额定电流 Nominal current	0.45 A	终端电阻 Terminal resistance	17.1 Ω
额定转矩 Nominal torque	1.7 Ncm	终端电感 Terminal inductance	15.4 mH
额定转速 Nominal speed	3400 rpm	空载电流 No load current	0.09 A
堵转转矩 Stall torque	6.1 Ncm	转子惯量 Rotor inertial	18.5 gcm ²
空载转速 No load speed	4800 rpm	电机重量 Weight of motor	0.11 kg



尺寸为毫米-Dimensions in mm



有刷电机--BD32-50, 10W



适配行星减速箱--Planetary gearbox available

适配控制器--Controller available

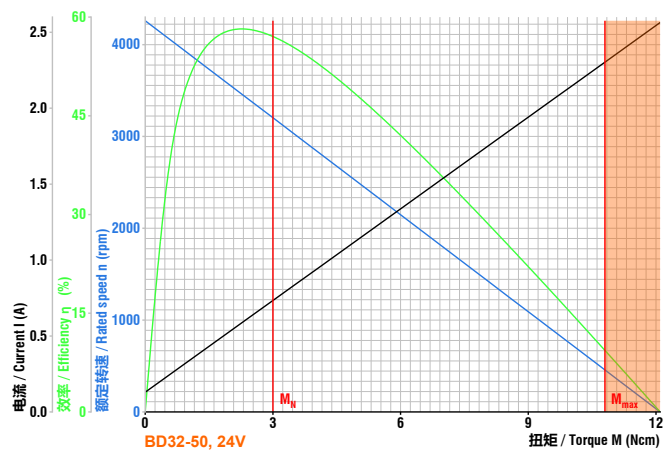
适配编码器--Encoder available

更多客户要求--More request from customer

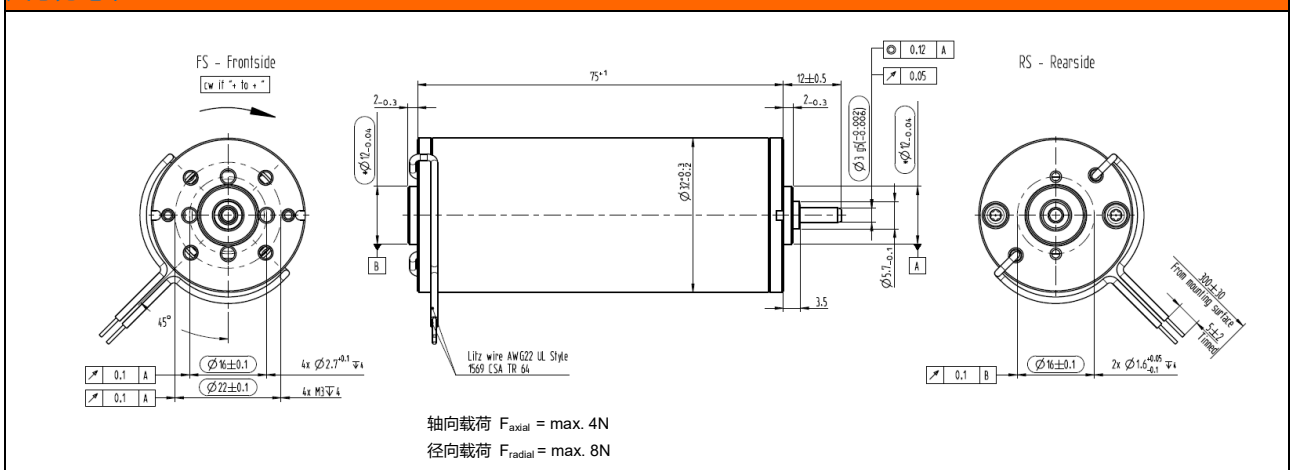
- ▶ 额定功率10瓦有刷直流电机
- ▶ 可根据需求定制不同电压的绕组
- ▶ 可根据需求提供不同尺寸的前轴和尾轴
- ▶ 使用滑动轴承，可根据要求使用滚珠轴承
- ▶ 防护等级为IP50，可根据需求提供更高的等级
- ▶ 长寿命，免维护，绝缘等级E
- ▶ Brush type DC motor in nominal power 10W
- ▶ Special voltage windings available on request
- ▶ Different shaft size available for both sides on request
- ▶ With sliding bearing, ball bearing available
- ▶ Protection class IP50, higher class available on request
- ▶ Longer lifetime, maintenance-free, insulation class E

24V数据和曲线--Data and curve of 24V

额定电压 Nominal voltage	24 VDC	转矩常数 Torque constant	5 Ncm A ⁻¹
额定电流 Nominal current	0.7 A	终端电阻 Terminal resistance	9.4 Ω
额定转矩 Nominal torque	3 Ncm	终端电感 Terminal inductance	8.5 mH
额定转速 Nominal speed	3000 rpm	空载电流 No load current	0.13 A
堵转转矩 Stall torque	12 Ncm	转子惯量 Rotor inertial	42.2 gcm ²
空载转速 No load speed	4250 rpm	电机重量 Weight of motor	0.25 kg



尺寸为毫米--Dimensions in mm



有刷电机--BD42-25, 15W

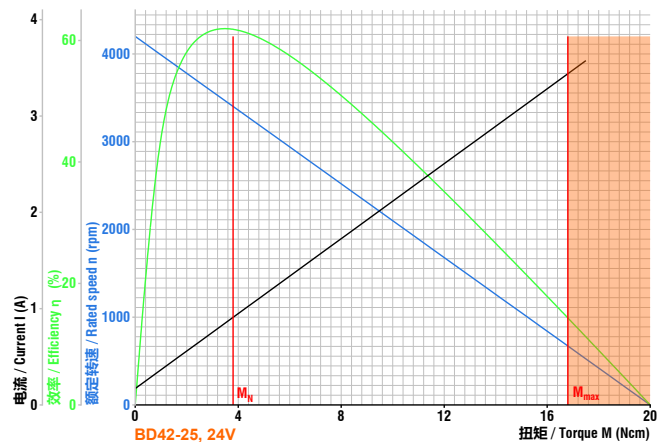


适配行星减速箱--Planetary gearbox available
适配蜗轮蜗杆减速箱--Worm gearbox available
适配制动器--Brake available
适配控制器--Controller available
适配编码器--Encoder available
更多客户要求--More request from customer

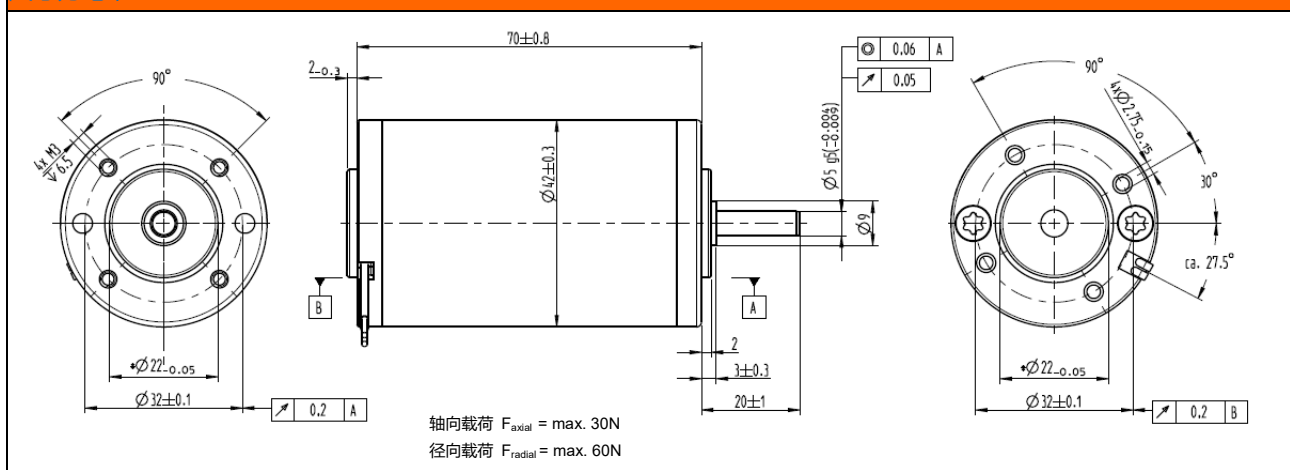
- ▶ 额定功率15瓦有刷直流电机
- ▶ 可根据需求定制不同电压的绕组
- ▶ 可根据需求提供不同尺寸的前轴和尾轴
- ▶ 电机轴使用滚珠轴承
- ▶ 防护等级为IP50, 可根据需求提供更高的等级
- ▶ 长寿命, 免维护, 绝缘等级E
- ▶ Brush type DC motor in nominal power 15W
- ▶ Special voltage windings available on request
- ▶ Different shaft size available for both sides on request
- ▶ Motor shaft with ball bearing
- ▶ Protection class IP50, higher class available on request
- ▶ Longer lifetime, maintenance-free, insulation class E

24V数据和曲线--Data and curve of 24V

额定电压 Nominal voltage	24 VDC	转矩常数 Torque constant	5.14 Ncm A ⁻¹
额定电流 Nominal current	0.9 A	终端电阻 Terminal resistance	6 Ω
额定转矩 Nominal torque	3.8 Ncm	终端电感 Terminal inductance	8.9 mH
额定转速 Nominal speed	3600 rpm	空载电流 No load current	0.17 A
堵转转矩 Stall torque	20 Ncm	转子惯量 Rotor inertial	71 gcm ²
空载转速 No load speed	4200 rpm	电机重量 Weight of motor	0.39 kg



尺寸为毫米-Dimensions in mm



有刷电机--BD42-40, 20W

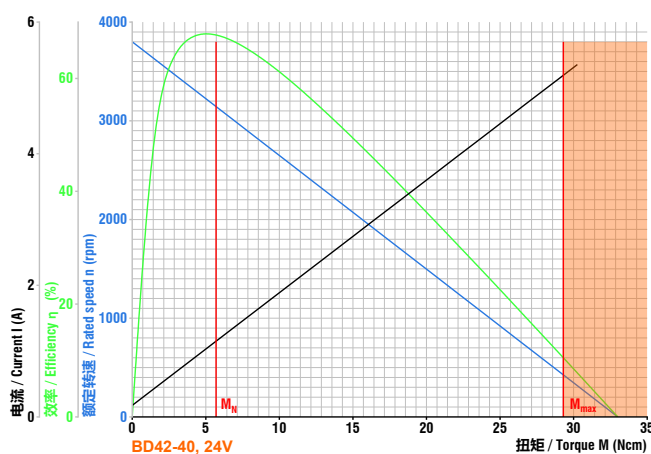


适配行星减速箱--Planetary gearbox available
适配蜗轮蜗杆减速箱--Worm gearbox available
适配制动器--Brake available
适配控制器--Controller available
适配编码器--Encoder available
更多客户要求--More request from customer

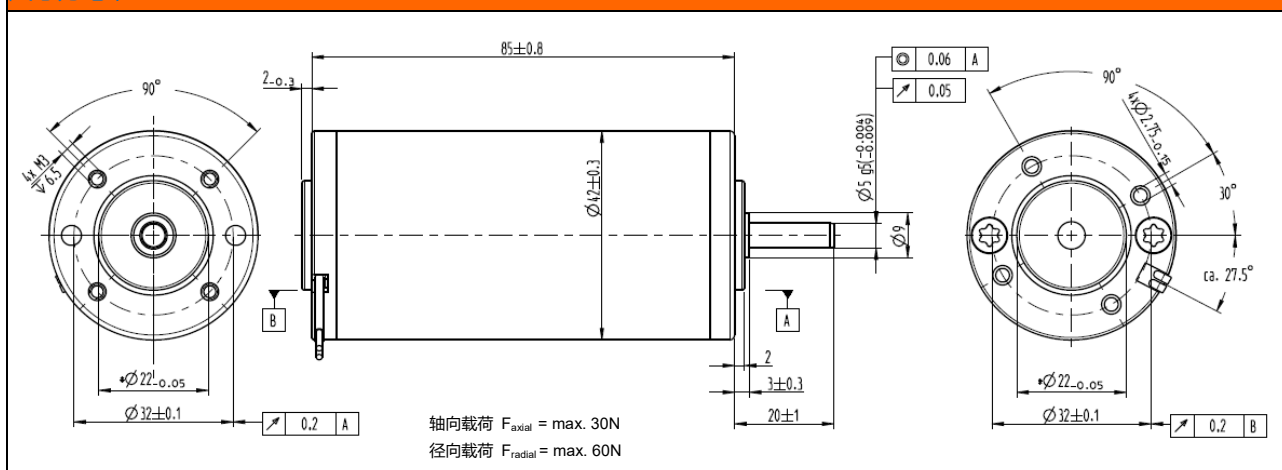
- ▶ 额定功率20瓦有刷直流电机
- ▶ 可根据需求定制不同电压的绕组
- ▶ 可根据需求提供不同尺寸的前轴和尾轴
- ▶ 电机轴使用滚珠轴承
- ▶ 防护等级为IP50, 可根据需求提供更高的等级
- ▶ 长寿命, 免维护, 绝缘等级E
- ▶ Brush type DC motor in nominal power 20W
- ▶ Special voltage windings available on request
- ▶ Different shaft size available for both sides on request
- ▶ Motor shaft with ball bearing
- ▶ Protection class IP50, higher class available on request
- ▶ Longer lifetime, maintenance-free, insulation class E

24V数据和曲线--Data and curve of 24V

额定电压 Nominal voltage	24 VDC	转矩常数 Torque constant	5.84 Ncm A ⁻¹
额定电流 Nominal current	1.2 A	终端电阻 Terminal resistance	4.2 Ω
额定转矩 Nominal torque	5.7 Ncm	终端电感 Terminal inductance	5.1 mH
额定转速 Nominal speed	3100 rpm	空载电流 No load current	0.18 A
堵转转矩 Stall torque	33 Ncm	转子惯量 Rotor inertial	110 gcm ²
空载转速 No load speed	3800 rpm	电机重量 Weight of motor	0.49 kg



尺寸为毫米-Dimensions in mm



有刷电机--BD53-30, 40W

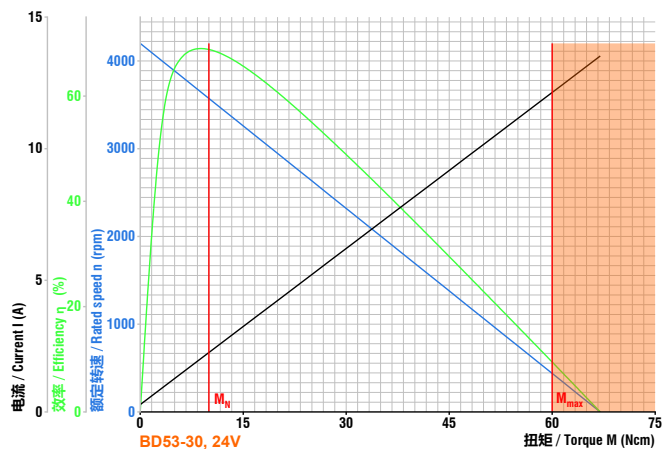


适配行星减速箱--Planetary gearbox available
适配蜗轮蜗杆减速箱--Worm gearbox available
适配制动器--Brake available
适配控制器--Controller available
适配编码器--Encoder available
更多客户要求--More request from customer

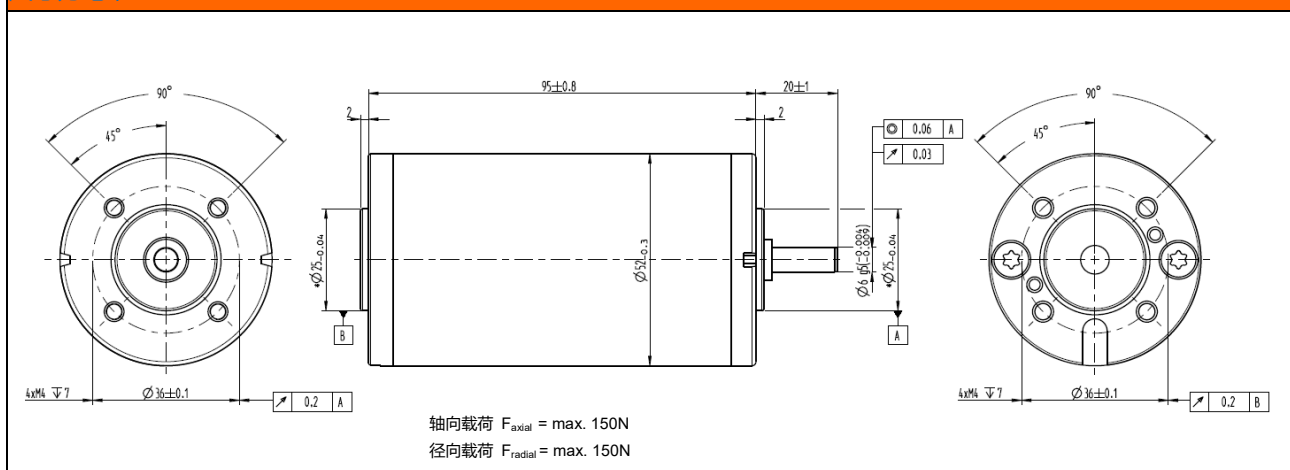
- ▶ 额定功率40瓦有刷直流电机
- ▶ 可根据需求定制不同电压的绕组
- ▶ 可根据需求提供不同尺寸的前轴和尾轴
- ▶ 电机轴使用滚珠轴承
- ▶ 防护等级为IP50, 可根据需求提供更高的等级
- ▶ 长寿命, 免维护, 绝缘等级E
- ▶ Brush type DC motor in nominal power 40W
- ▶ Special voltage windings available on request
- ▶ Different shaft size available for both sides on request
- ▶ Motor shaft with ball bearing
- ▶ Protection class IP50, higher class available on request
- ▶ Longer lifetime, maintenance-free, insulation class E

24V数据和曲线--Data and curve of 24V

额定电压 Nominal voltage	24 VDC	转矩常数 Torque constant	5.06 Ncm A ⁻¹
额定电流 Nominal current	2.3 A	终端电阻 Terminal resistance	1.77 Ω
额定转矩 Nominal torque	10 Ncm	终端电感 Terminal inductance	3.6 mH
额定转速 Nominal speed	3600 rpm	空载电流 No load current	0.28 A
堵转转矩 Stall torque	67 Ncm	转子惯量 Rotor inertial	230 gcm ²
空载转速 No load speed	4200 rpm	电机重量 Weight of motor	0.85 kg



尺寸为毫米-Dimensions in mm



有刷电机--BD53-60, 60W

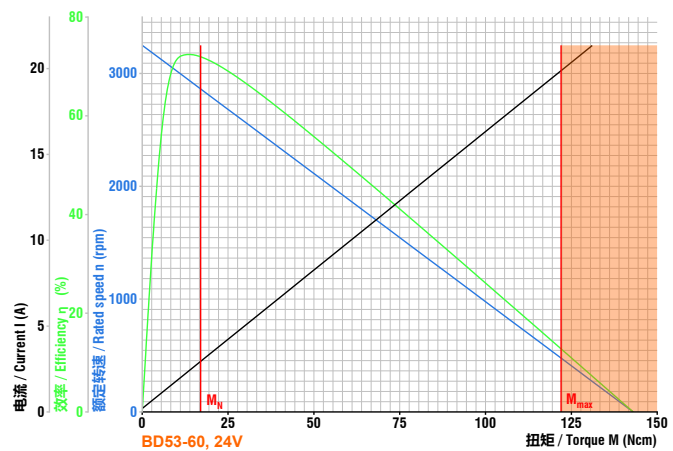


适配行星减速箱--Planetary gearbox available
适配蜗轮蜗杆减速箱--Worm gearbox available
适配制动器--Brake available
适配控制器--Controller available
适配编码器--Encoder available
更多客户要求--More request from customer

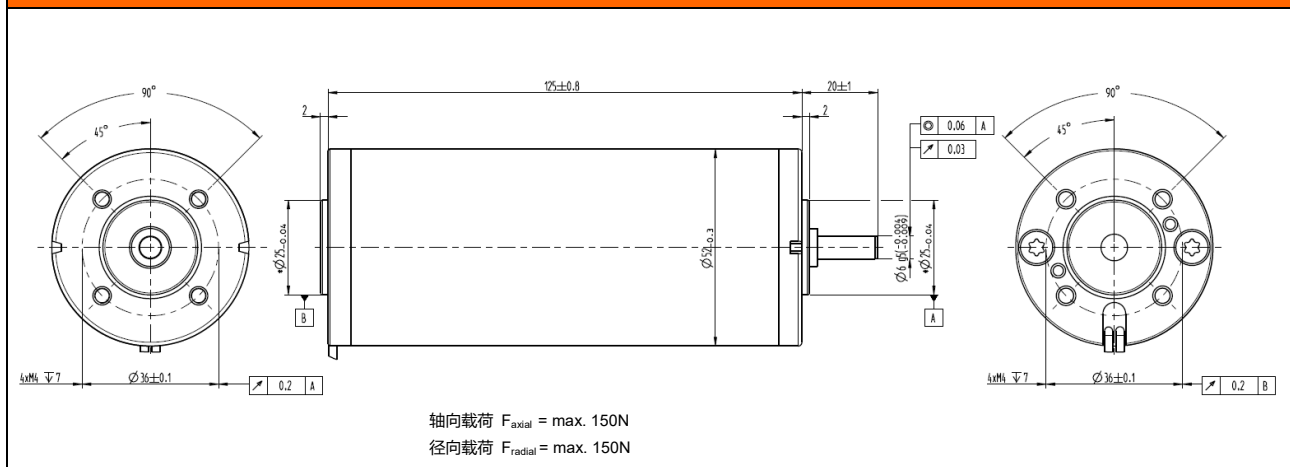
- ▶ 额定功率60瓦有刷直流电机
- ▶ 可根据需求定制不同电压的绕组
- ▶ 可根据需求提供不同尺寸的前轴和尾轴
- ▶ 电机轴使用滚珠轴承
- ▶ 防护等级为IP50，可根据需求提供更高的等级
- ▶ 长寿命，免维护，绝缘等级E
- ▶ Brush type DC motor in nominal power 60W
- ▶ Special voltage windings available on request
- ▶ Different shaft size available for both sides on request
- ▶ Motor shaft with ball bearing
- ▶ Protection class IP50, higher class available on request
- ▶ Longer lifetime, maintenance-free, insulation class E

24V数据和曲线--Data and curve of 24V

额定电压 Nominal voltage	24 VDC	转矩常数 Torque constant	6.2 Ncm A ⁻¹
额定电流 Nominal current	2.9 A	终端电阻 Terminal resistance	1.05 Ω
额定转矩 Nominal torque	17 Ncm	终端电感 Terminal inductance	4.7 mH
额定转速 Nominal speed	3000 rpm	空载电流 No load current	0.2 A
堵转转矩 Stall torque	143 Ncm	转子惯量 Rotor inertial	460 gcm ²
空载转速 No load speed	3250 rpm	电机重量 Weight of motor	1.16 kg



尺寸为毫米-Dimensions in mm



有刷电机--BD63-55(S), 100W(130W)

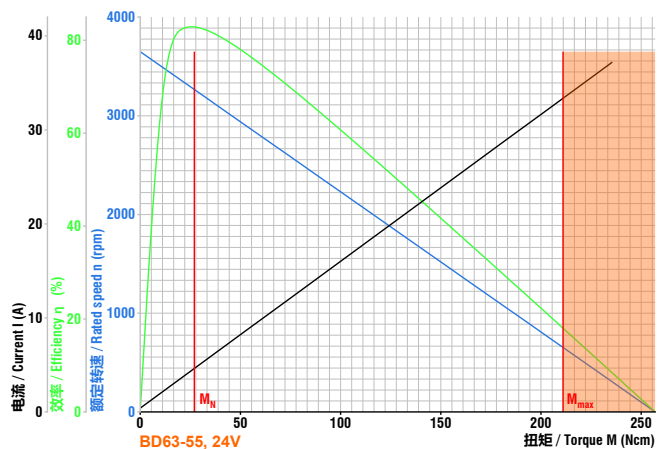


适配行星减速箱--Planetary gearbox available
适配蜗轮蜗杆减速箱--Worm gearbox available
适配制动器--Brake available
适配控制器--Controller available
适配编码器--Encoder available
更多客户要求--More request from customer

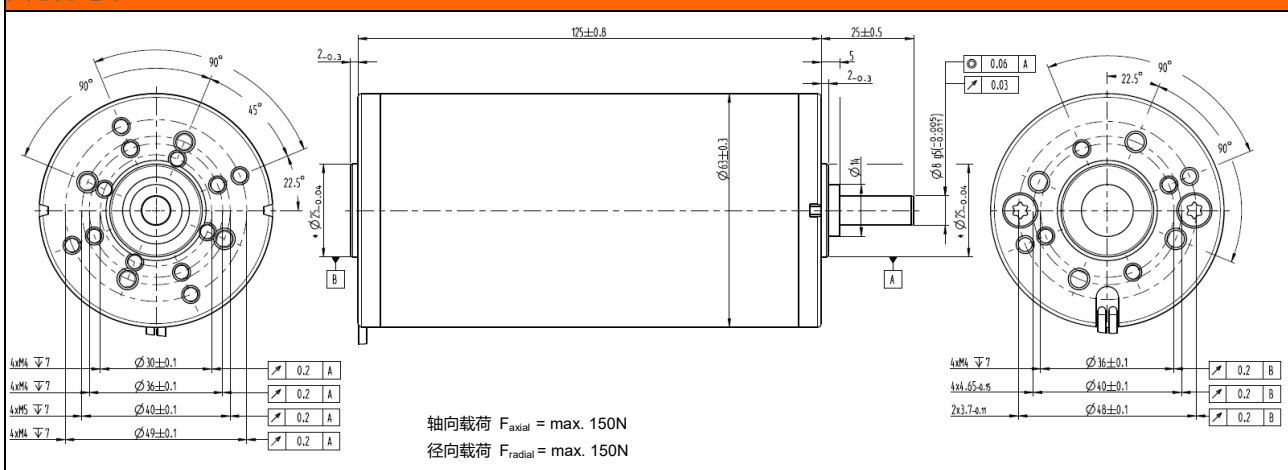
- 额定功率100瓦有刷直流电机
- 可根据需求定制不同电压的绕组
- 可根据需求提供不同尺寸的前轴和尾轴
- 电机轴使用滚珠轴承
- 防护等级为IP50, 可根据需求提供更高的等级
- 长寿命, 免维护, 绝缘等级E
- 可提供输出功率130瓦的S版本
- Brush type DC motor in nominal power 100W
- Special voltage windings available on request
- Different shaft size available for both sides on request
- Motor shaft with ball bearing
- Protection class IP50, higher class available on request
- Longer lifetime, maintenance-free, insulation class E
- Version S output power 130W

24V数据和曲线--Data and curve of 24V

额定电压 Nominal voltage	24 VDC	转矩常数 Torque constant	6.4 Ncm A ⁻¹
额定电流 Nominal current	4.9 A	终端电阻 Terminal resistance	0.6 Ω
额定转矩 Nominal torque	27 Ncm	终端电感 Terminal inductance	1.5 mH
额定转速 Nominal speed	3350 rpm	空载电流 No load current	0.4 A
堵转转矩 Stall torque	211 Ncm	转子惯量 Rotor inertial	750 gcm ²
空载转速 No load speed	3650 rpm	电机重量 Weight of motor	1.7 kg



尺寸为毫米-Dimensions in mm



有刷电机--BD80-40, 120W

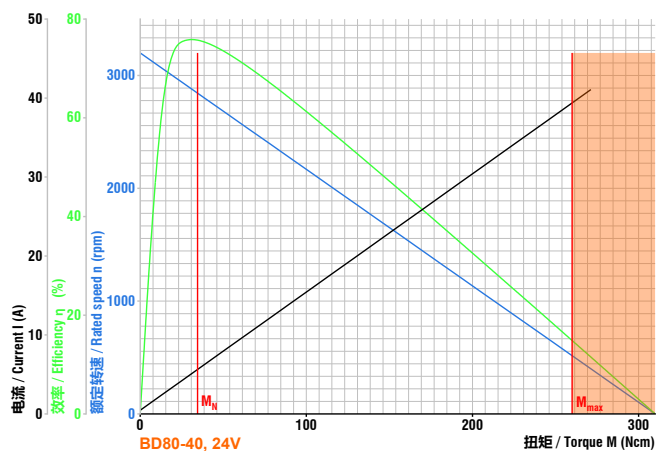


适配行星减速箱--Planetary gearbox available
适配蜗轮蜗杆减速箱--Worm gearbox available
适配制动器--Brake available
适配控制器--Controller available
适配编码器--Encoder available
更多客户要求--More request from customer

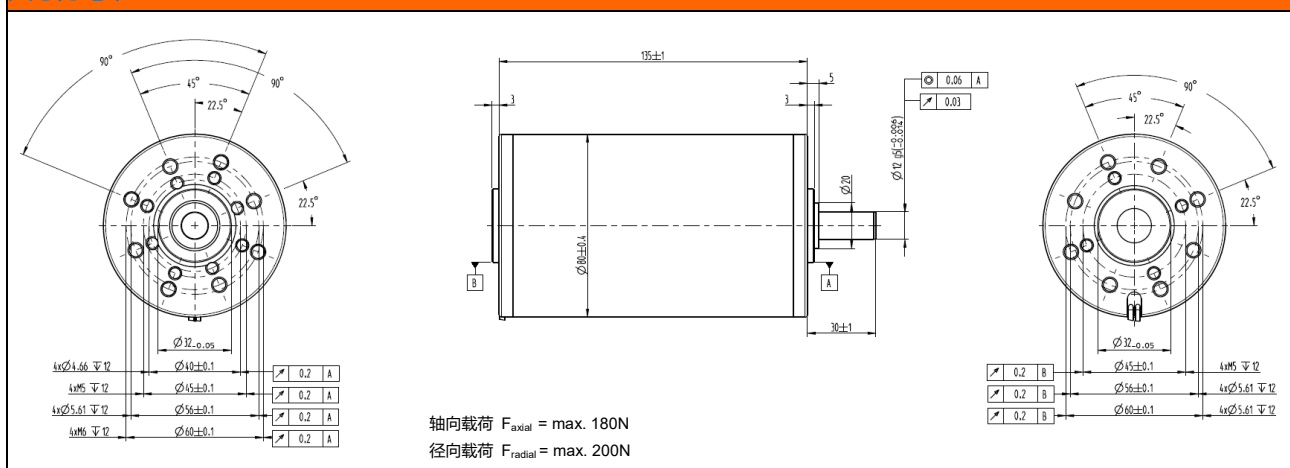
- ▶ 额定功率120瓦有刷直流电机
- ▶ 可根据需求定制不同电压的绕组
- ▶ 可根据需求提供不同尺寸的前轴和尾轴
- ▶ 电机轴使用滚珠轴承
- ▶ 防护等级为IP50, 可根据需求提供更高的等级
- ▶ 长寿命, 免维护, 绝缘等级E
- ▶ Brush type DC motor in nominal power 120W
- ▶ Special voltage windings available on request
- ▶ Different shaft size available for both sides on request
- ▶ Motor shaft with ball bearing
- ▶ Protection class IP50, higher class available on request
- ▶ Longer lifetime, maintenance-free, insulation class E

24V数据和曲线--Data and curve of 24V

额定电压 Nominal voltage	24 VDC	转矩常数 Torque constant	6.68 Ncm A ⁻¹
额定电流 Nominal current	5.8 A	终端电阻 Terminal resistance	0.52 Ω
额定转矩 Nominal torque	35 Ncm	终端电感 Terminal inductance	2.6 mH
额定转速 Nominal speed	2900 rpm	空载电流 No load current	0.46 A
堵转转矩 Stall torque	310 Ncm	转子惯量 Rotor inertial	1800 gcm ²
空载转速 No load speed	3200 rpm	电机重量 Weight of motor	2.8 kg



尺寸为毫米-Dimensions in mm



有刷电机--BD80-80, 240W

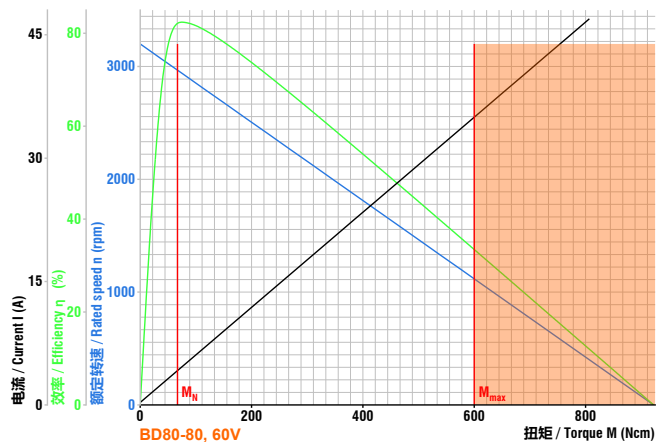


适配行星减速箱--Planetary gearbox available
适配蜗轮蜗杆减速箱--Worm gearbox available
适配制动器--Brake available
适配控制器--Controller available
适配编码器--Encoder available
更多客户要求--More request from customer

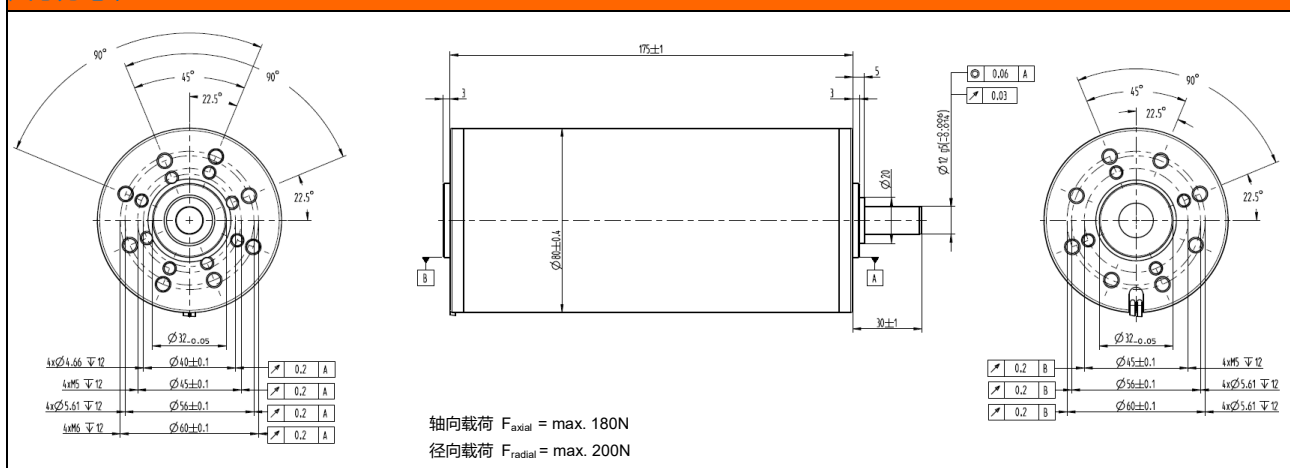
- ▶ 额定功率240瓦有刷直流电机
- ▶ 可根据需求定制不同电压的绕组
- ▶ 可根据需求提供不同尺寸的前轴和尾轴
- ▶ 电机轴使用滚珠轴承
- ▶ 防护等级为IP50, 可根据需求提供更高的等级
- ▶ 长寿命, 免维护, 绝缘等级E
- ▶ Brush type DC motor in nominal power 240W
- ▶ Special voltage windings available on request
- ▶ Different shaft size available for both sides on request
- ▶ Motor shaft with ball bearing
- ▶ Protection class IP50, higher class available on request
- ▶ Longer lifetime, maintenance-free, insulation class E

60V数据和曲线--Data and curve of 60V

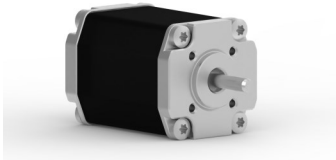
额定电压 Nominal voltage	60 VDC	转矩常数 Torque constant	17.3 Ncm A ⁻¹
额定电流 Nominal current	4.2 A	终端电阻 Terminal resistance	1 Ω
额定转矩 Nominal torque	63 Ncm	终端电感 Terminal inductance	6.9 mH
额定转速 Nominal speed	3000 rpm	空载电流 No load current	0.27 A
堵转扭矩 Stall torque	623 Ncm	转子惯量 Rotor inertial	3600 gcm ²
空载转速 No load speed	3100 rpm	电机重量 Weight of motor	4 kg



尺寸为毫米-Dimensions in mm



无刷电机--BL25-10, 10W



适配行星减速箱--Planetary gearbox available

适配制动器--Brake available

适配控制器--Controller available

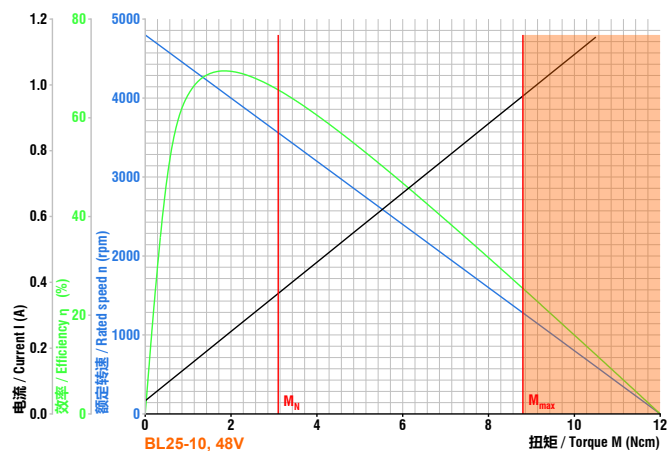
适配编码器--Encoder available

更多客户要求--More request from customer

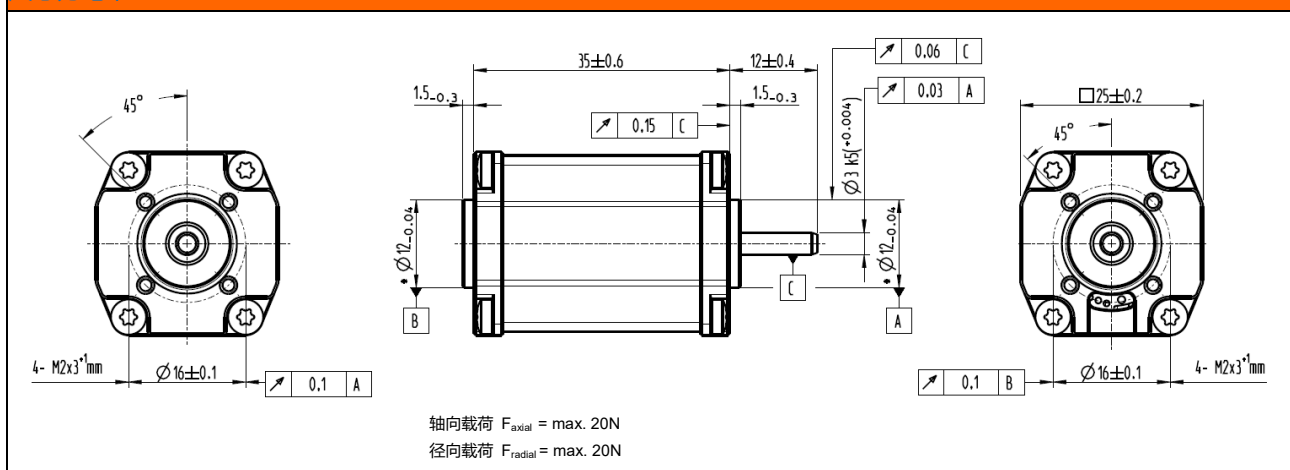
- ▶ 10瓦, 6极高动态响应三相无刷直流电机
- ▶ 需要额外的驱动器来运行电机
- ▶ 可根据需求定制不同电压的绕组
- ▶ 可根据需求提供不同尺寸的前轴和尾轴
- ▶ 较高的功率密度和紧凑结构设计
- ▶ 防护等级为IP50, 可根据需求提供更高的等级
- ▶ 长寿命, 免维护, 绝缘等级E
- ▶ 10W high dynamic 3-phase brushless DC motor 6-poles
- ▶ Additional electronics is needed to run this motor
- ▶ Special voltage windings available on request
- ▶ Different shaft size available for both sides on request
- ▶ High power density and compact design.
- ▶ Protection class IP50, higher class available on request
- ▶ Longer lifetime, maintenance-free, insulation class E

48V数据和曲线--Data and curve of 48V

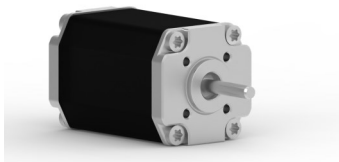
额定电压 Nominal voltage	48 VDC	转矩常数 Torque constant	9.5 Ncm A ⁻¹
额定电流 Nominal current	0.35 A	终端电阻 Terminal resistance	33.4 Ω
额定转矩 Nominal torque	3.1 Ncm	终端电感 Terminal inductance	10 mH
额定转速 Nominal speed	3600 rpm	峰值电流 Peak current(2 sec.)	1.1 A
堵转扭矩 Stall torque	12 Ncm	转子惯量 Rotor inertial	0.8 gcm ²
空载转速 No load speed	4800 rpm	电机重量 Weight of motor	0.07 kg



尺寸为毫米-Dimensions in mm



无刷电机--BL35-10, 10W



适配行星减速箱--Planetary gearbox available

适配制动器--Brake available

适配控制器--Controller available

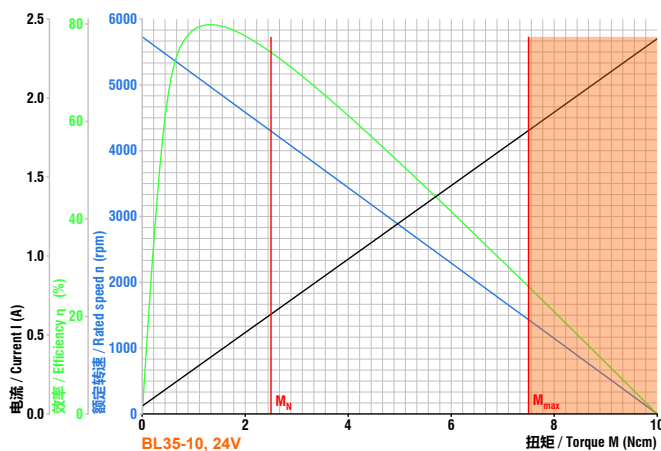
适配编码器--Encoder available

更多客户要求--More request from customer

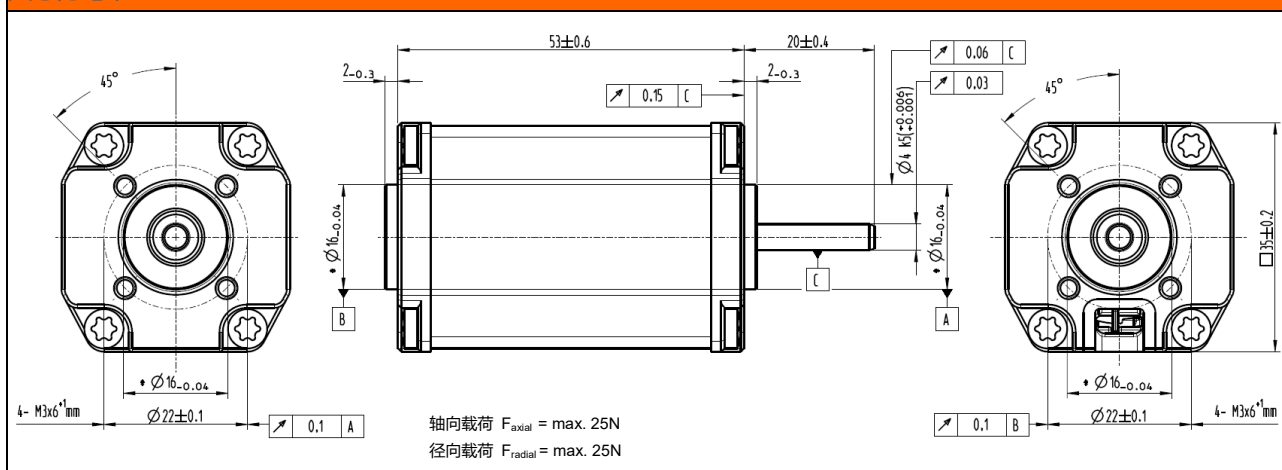
- ▶ 10瓦, 8极高动态响应三相无刷直流电机
- ▶ 需要额外的驱动器来运行电机
- ▶ 可根据需求定制不同电压的绕组
- ▶ 可根据需求提供不同尺寸的前轴和尾轴
- ▶ 较高的功率密度和紧凑结构设计
- ▶ 防护等级为IP50, 可根据需求提供更高的等级
- ▶ 长寿命, 免维护, 绝缘等级E
- ▶ 10W high dynamic 3-phase brushless DC motor 8-poles
- ▶ Additional electronics is needed to run this motor
- ▶ Special voltage windings available on request
- ▶ Different shaft size available for both sides on request
- ▶ High power density and compact design.
- ▶ Protection class IP50, higher class available on request
- ▶ Longer lifetime, maintenance-free, insulation class E

24V数据和曲线--Data and curve of 24V

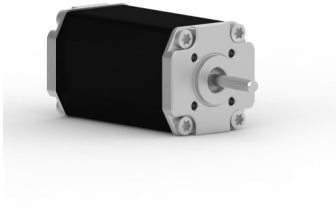
额定电压 Nominal voltage	24 VDC	转矩常数 Torque constant	4.3 Ncm A ⁻¹
额定电流 Nominal current	0.8 A	终端电阻 Terminal resistance	7 Ω
额定转矩 Nominal torque	2.5 Ncm	终端电感 Terminal inductance	3.1 mH
额定转速 Nominal speed	3870 rpm	峰值电流 Peak current(2 sec.)	4 A
堵转扭矩 Stall torque	10 Ncm	转子惯量 Rotor inertial	5.9 gcm ²
空载转速 No load speed	5730 rpm	电机重量 Weight of motor	0.15 kg



尺寸为毫米-Dimensions in mm



无刷电机--BL35-20, 20W



适配行星减速箱--Planetary gearbox available

适配制动器--Brake available

适配控制器--Controller available

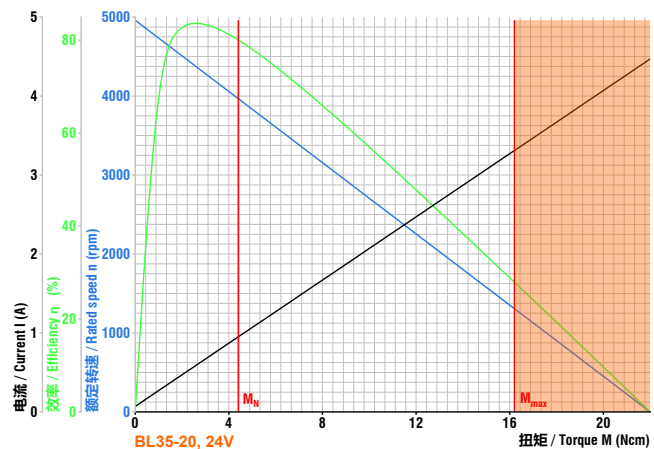
适配编码器--Encoder available

更多客户要求--More request from customer

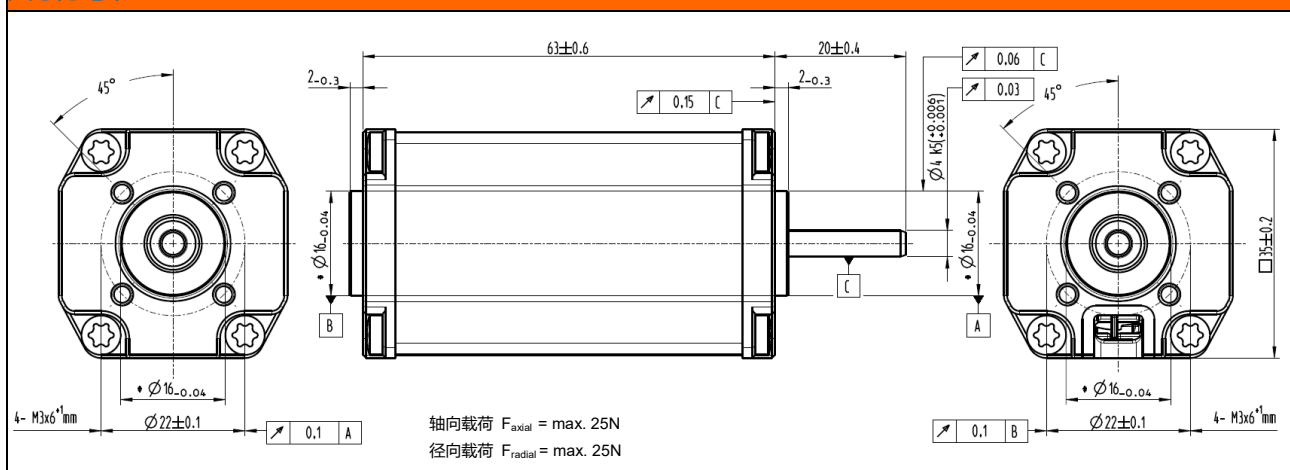
- ▶ 20瓦, 8极高动态响应三相无刷直流电机
- ▶ 需要额外的驱动器来运行电机
- ▶ 可根据需求定制不同电压的绕组
- ▶ 可根据需求提供不同尺寸的前轴和尾轴
- ▶ 较高的功率密度和紧凑结构设计
- ▶ 防护等级为IP50, 可根据需求提供更高的等级
- ▶ 长寿命, 免维护, 绝缘等级E
- ▶ 20W high dynamic 3-phase brushless DC motor 8-poles
- ▶ Additional electronics is needed to run this motor
- ▶ Special voltage windings available on request
- ▶ Different shaft size available for both sides on request
- ▶ High power density and compact design.
- ▶ Protection class IP50, higher class available on request
- ▶ Longer lifetime, maintenance-free, insulation class E

24V数据和曲线--Data and curve of 24V

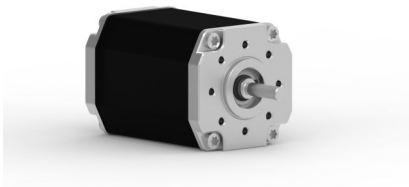
额定电压 Nominal voltage	24 VDC	转矩常数 Torque constant	4.1 Ncm A ⁻¹
额定电流 Nominal current	1.13 A	终端电阻 Terminal resistance	3.82 Ω
额定转矩 Nominal torque	4.4 Ncm	终端电感 Terminal inductance	1.8 mH
额定转速 Nominal speed	3600 rpm	峰值电流 Peak current (2 sec.)	7.5 A
堵转转矩 Stall torque	22 Ncm	转子惯量 Rotor inertial	10.2 gcm ²
空载转速 No load speed	4960 rpm	电机重量 Weight of motor	0.2 kg



尺寸为毫米-Dimensions in mm



无刷电机--BL45-15, 40W

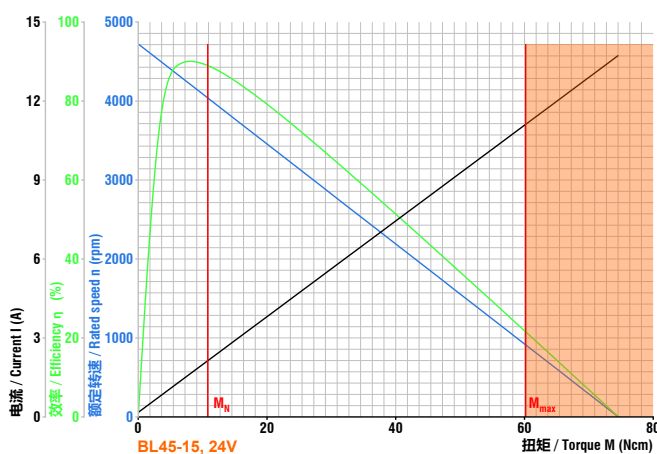


适配行星减速箱--Planetary gearbox available
适配蜗轮蜗杆减速箱--Worm gearbox available
适配制动器--Brake available
适配控制器--Controller available
适配编码器--Encoder available
更多客户要求--More request from customer

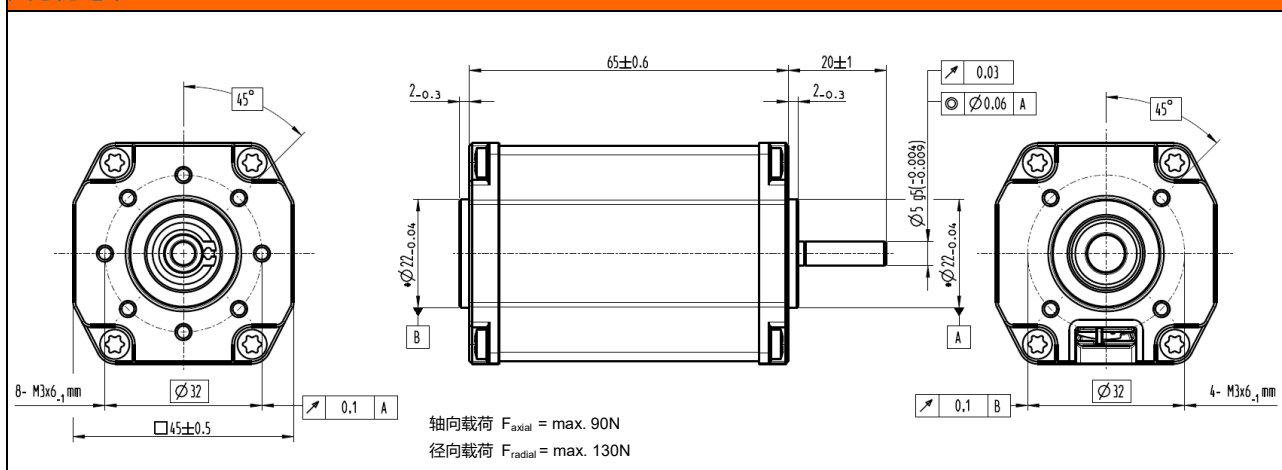
- ▶ 40瓦，8极高动态响应三相无刷直流电机
- ▶ 需要额外的驱动器来运行电机
- ▶ 可根据需求定制不同电压的绕组
- ▶ 可根据需求提供不同尺寸的前轴和尾轴
- ▶ 较高的功率密度和紧凑结构设计
- ▶ 防护等级为IP50，可根据需求提供更高的等级
- ▶ 长寿命，免维护，绝缘等级E
- ▶ 40W high dynamic 3-phase brushless DC motor 8-poles
- ▶ Additional electronics is needed to run this motor
- ▶ Special voltage windings available on request
- ▶ Different shaft size available for both sides on request
- ▶ High power density and compact design.
- ▶ Protection class IP50, higher class available on request
- ▶ Longer lifetime, maintenance-free, insulation class E

24V数据和曲线--Data and curve of 24V

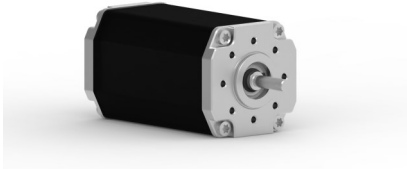
额定电压 Nominal voltage	24 VDC	转矩常数 Torque constant	5.5 Ncm A ⁻¹
额定电流 Nominal current	2.24 A	终端电阻 Terminal resistance	1.07 Ω
额定转矩 Nominal torque	10.8 Ncm	终端电感 Terminal inductance	0.75 mH
额定转速 Nominal speed	3630 rpm	峰值电流(2 sec.) Peak current(2 sec.)	15 A
堵转转矩 Stall torque	74 Ncm	转子惯量 Rotor inertial	24 gcm ²
空载转速 No load speed	4723 rpm	电机重量 Weight of motor	0.36 kg



尺寸为毫米-Dimensions in mm



无刷电机--BL45-30, 60W



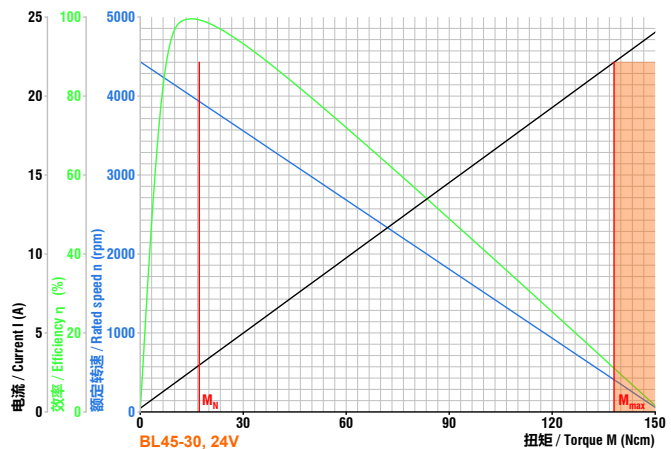
适配行星减速箱--Planetary gearbox available
适配蜗轮蜗杆减速箱--Worm gearbox available
适配制动器--Brake available
适配控制器--Controller available
适配编码器--Encoder available
更多客户要求--More request from customer

- ▶ 60瓦，8极高动态响应三相无刷直流电机
- ▶ 需要额外的驱动器来运行电机
- ▶ 可根据需求定制不同电压的绕组
- ▶ 可根据需求提供不同尺寸的前轴和尾轴
- ▶ 较高的功率密度和紧凑结构设计
- ▶ 防护等级为IP50，可根据需求提供更高的等级
- ▶ 长寿命，免维护，绝缘等级E

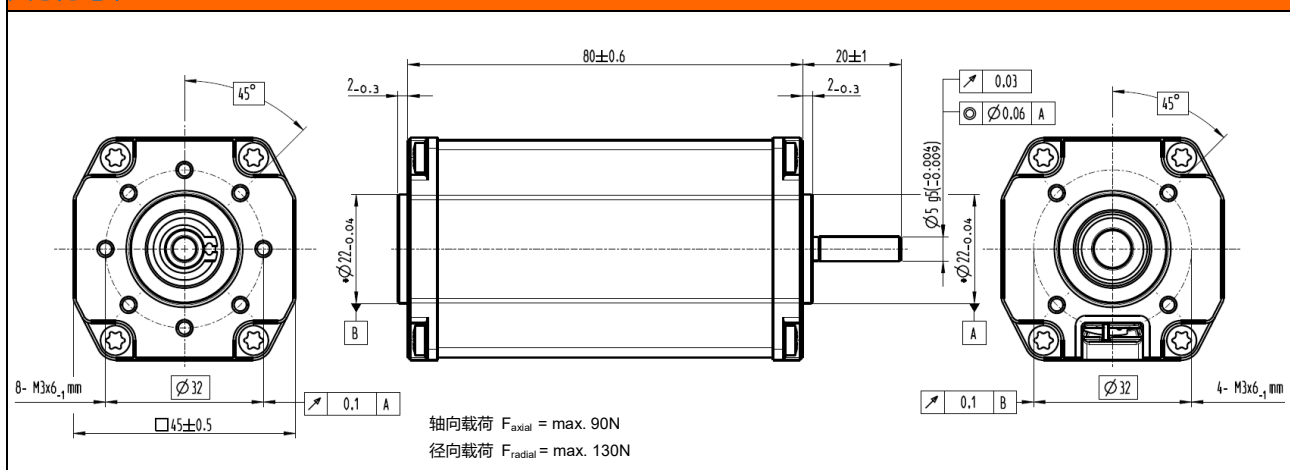
- ▶ 60W high dynamic 3-phase brushless DC motor 8-poles
- ▶ Additional electronics is needed to run this motor
- ▶ Special voltage windings available on request
- ▶ Different shaft size available for both sides on request
- ▶ High power density and compact design.
- ▶ Protection class IP50, higher class available on request
- ▶ Longer lifetime, maintenance-free, insulation class E

24V数据和曲线--Data and curve of 24V

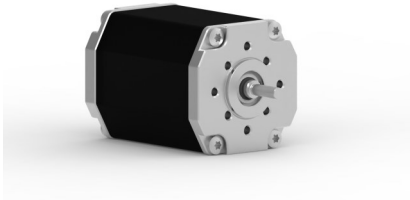
额定电压 Nominal voltage	24 VDC	转矩常数 Torque constant	6.3 Ncm A ⁻¹
额定电流 Nominal current	3.3 A	终端电阻 Terminal resistance	0.53 Ω
额定转矩 Nominal torque	17.2 Ncm	终端电感 Terminal inductance	0.43 mH
额定转速 Nominal speed	3580 rpm	峰值电流(2 sec.) Peak current (2 sec.)	26 A
堵转转矩 Stall torque	152 Ncm	转子惯量 Rotor inertial	44 gcm ²
空载转速 No load speed	4434 rpm	电机重量 Weight of motor	0.47 kg



尺寸为毫米-Dimensions in mm



无刷电机--BL55-20, 50W

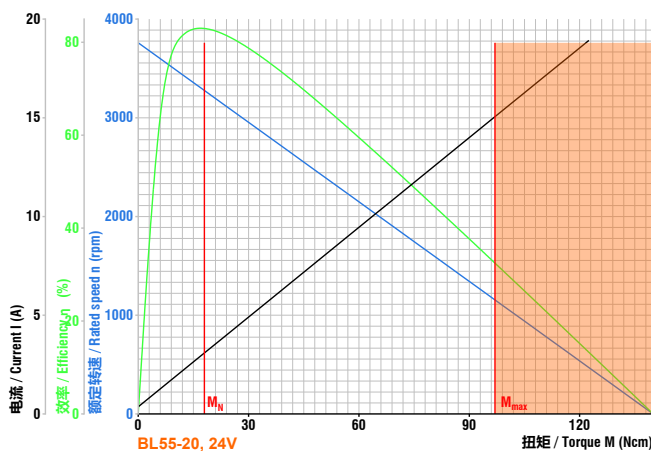


适配行星减速箱--Planetary gearbox available
适配蜗轮蜗杆减速箱--Worm gearbox available
适配制动器--Brake available
适配控制器--Controller available
适配编码器--Encoder available
更多客户要求--More request from customer

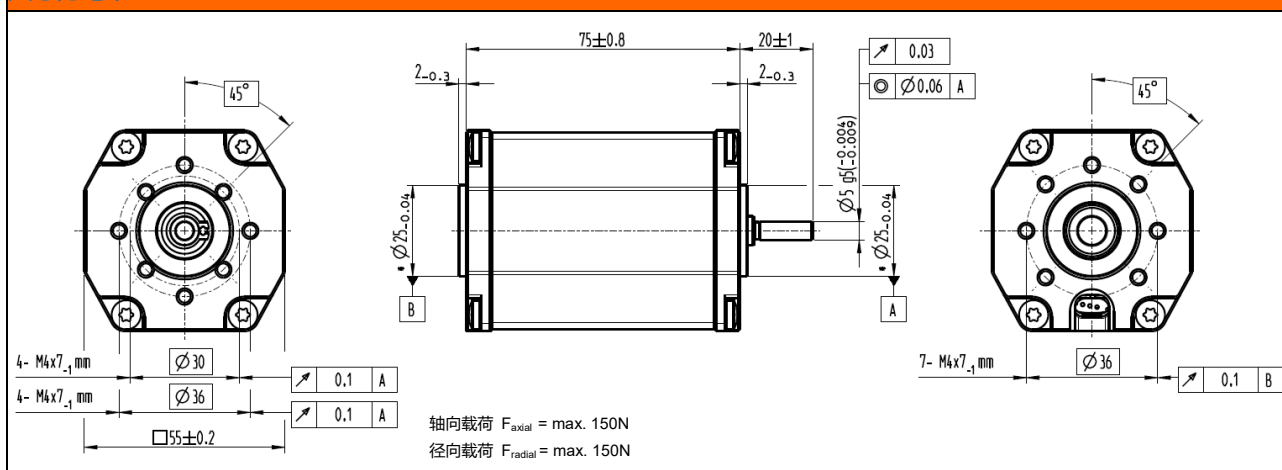
- 50瓦, 8极高动态响应三相无刷直流电机
- 需要额外的驱动器来运行电机
- 可根据需求定制不同电压的绕组
- 可根据需求提供不同尺寸的前轴和尾轴
- 较高的功率密度和紧凑结构设计
- 防护等级为IP50, 可根据需求提供更高的等级
- 长寿命, 免维护, 绝缘等级E
- 50W high dynamic 3-phase brushless DC motor 8-poles
- Additional electronics is needed to run this motor
- Special voltage windings available on request
- Different shaft size available for both sides on request
- High power density and compact design.
- Protection class IP50, higher class available on request
- Longer lifetime, maintenance-free, insulation class E

24V数据和曲线--Data and curve of 24V

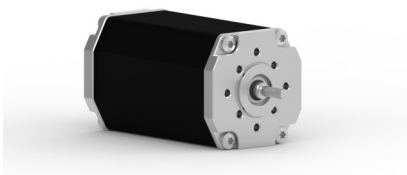
额定电压 Nominal voltage	24 VDC	转矩常数 Torque constant	6.6 Ncm A ⁻¹
额定电流 Nominal current	3.5 A	终端电阻 Terminal resistance	1.1 Ω
额定转矩 Nominal torque	18 Ncm	终端电感 Terminal inductance	0.39 mH
额定转速 Nominal speed	3250 rpm	峰值电流(2 sec.) Peak current(2 sec.)	15 A
堵转转矩 Stall torque	97 Ncm	转子惯量 Rotor inertial	65 gcm ²
空载转速 No load speed	3760 rpm	电机重量 Weight of motor	0.7 kg



尺寸为毫米-Dimensions in mm



无刷电机--BL55-40, 90W

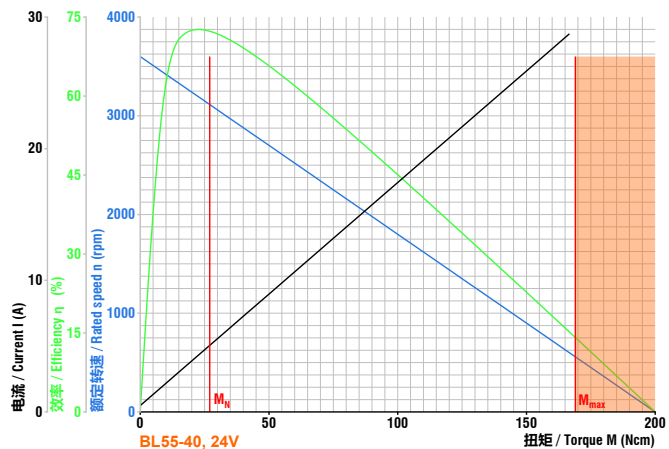


适配行星减速箱--Planetary gearbox available
适配蜗轮蜗杆减速箱--Worm gearbox available
适配制动器--Brake available
适配控制器--Controller available
适配编码器--Encoder available
更多客户要求--More request from customer

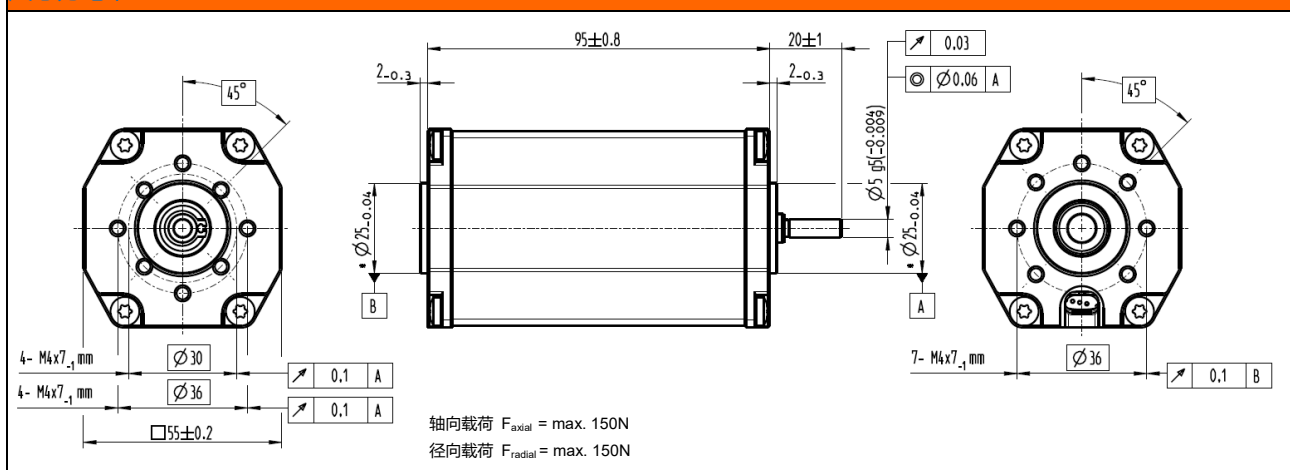
- ▶ 90瓦，8极高动态响应三相无刷直流电机
- ▶ 需要额外的驱动器来运行电机
- ▶ 可根据需求定制不同电压的绕组
- ▶ 可根据需求提供不同尺寸的前轴和尾轴
- ▶ 较高的功率密度和紧凑结构设计
- ▶ 防护等级为IP50，可根据需求提供更高的等级
- ▶ 长寿命，免维护，绝缘等级E
- ▶ 90W high dynamic 3-phase brushless DC motor 8-poles
- ▶ Additional electronics is needed to run this motor
- ▶ Special voltage windings available on request
- ▶ Different shaft size available for both sides on request
- ▶ High power density and compact design.
- ▶ Protection class IP50, higher class available on request
- ▶ Longer lifetime, maintenance-free, insulation class E

24V数据和曲线--Data and curve of 24V

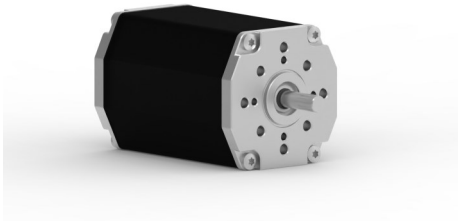
额定电压 Nominal voltage	24 VDC	转矩常数 Torque constant	5.9 Ncm A ⁻¹
额定电流 Nominal current	4.5 A	终端电阻 Terminal resistance	0.285 Ω
额定转矩 Nominal torque	27 Ncm	终端电感 Terminal inductance	0.55 mH
额定转速 Nominal speed	3050 rpm	峰值电流(2 sec.) Peak current(2 sec.)	29 A
堵转转矩 Stall torque	200 Ncm	转子惯量 Rotor inertial	94 gcm ²
空载转速 No load speed	3600 rpm	电机重量 Weight of motor	0.9 kg



尺寸为毫米-Dimensions in mm



无刷电机--BL65-50, 100W

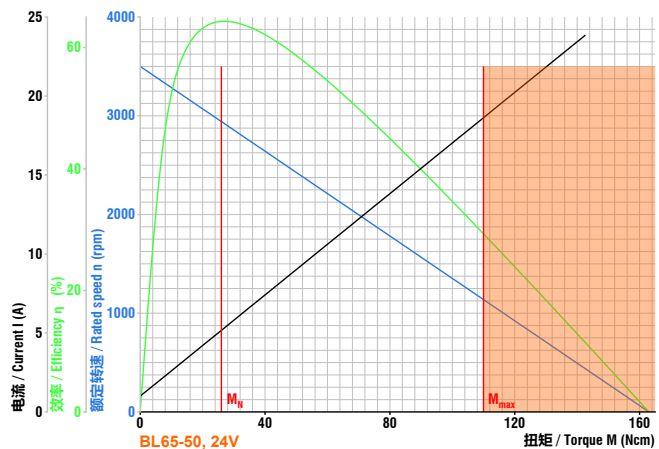


适配行星减速箱--Planetary gearbox available
适配蜗轮蜗杆减速箱--Worm gearbox available
适配制动器--Brake available
适配控制器--Controller available
适配编码器--Encoder available
更多客户要求--More request from customer

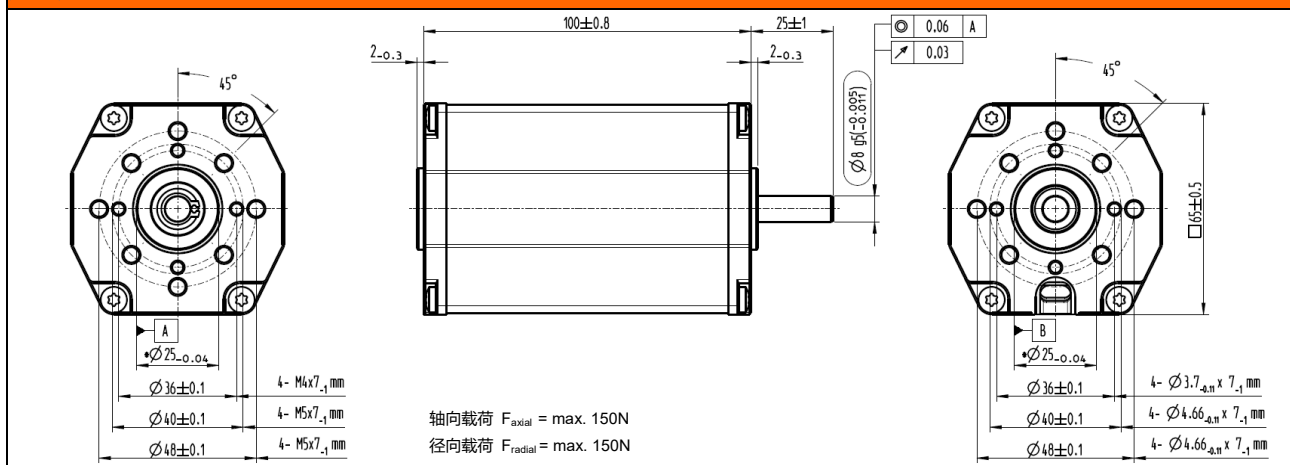
- 100瓦，10极高动态响应三相无刷直流电机
- 需要额外的驱动器来运行电机
- 可根据需求定制不同电压的绕组
- 可根据需求提供不同尺寸的前轴和尾轴
- 较高的功率密度和紧凑结构设计
- 防护等级为IP50，可根据需求提供更高的等级
- 长寿命，免维护，绝缘等级E
- 100W high dynamic 3-phase brushless DC motor 10-poles
- Additional electronics is needed to run this motor
- Special voltage windings available on request
- Different shaft size available for both sides on request
- High power density and compact design.
- Protection class IP50, higher class available on request
- Longer lifetime, maintenance-free, insulation class E

24V数据和曲线--Data and curve of 24V

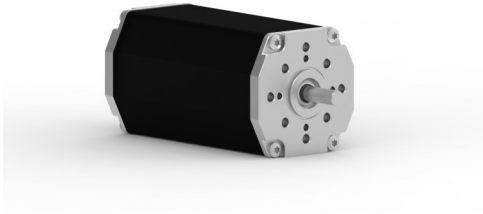
额定电压 Nominal voltage	24 VDC	转矩常数 Torque constant	6.2 Ncm A ⁻¹
额定电流 Nominal current	5.6 A	终端电阻 Terminal resistance	0.18 Ω
额定转矩 Nominal torque	26 Ncm	终端电感 Terminal inductance	1.43 mH
额定转速 Nominal speed	3090 rpm	峰值电流 Peak current (2 sec.)	48 A
堵转转矩 Stall torque	163 Ncm	转子惯量 Rotor inertial	128 gcm ²
空载转速 No load speed	5700 rpm	电机重量 Weight of motor	1.3 kg



尺寸为毫米-Dimensions in mm



无刷电机--BL65-75, 150W

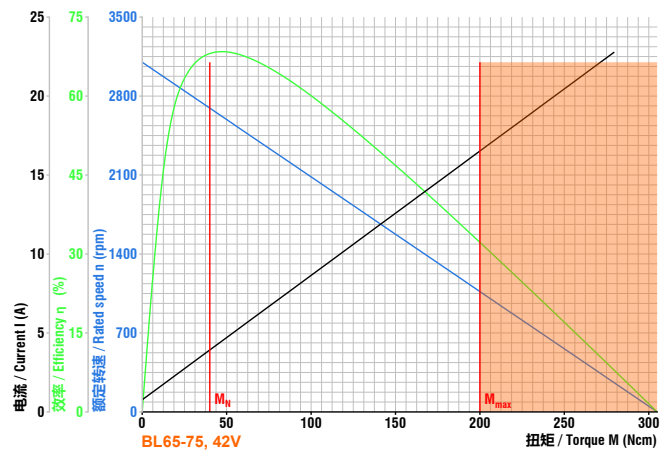


适配行星减速箱--Planetary gearbox available
适配蜗轮蜗杆减速箱--Worm gearbox available
适配制动器--Brake available
适配控制器--Controller available
适配编码器--Encoder available
更多客户要求--More request from customer

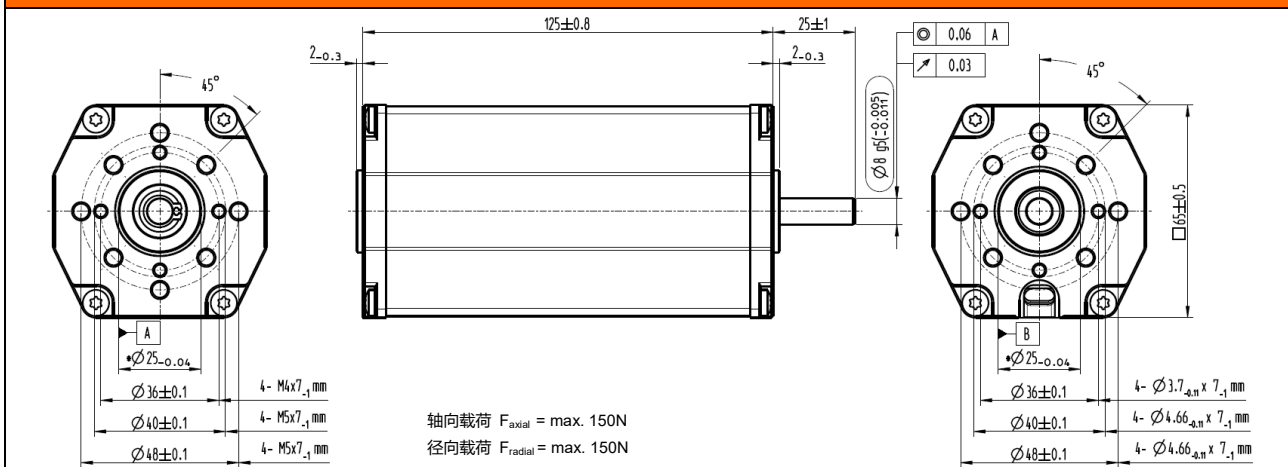
- ▶ 150瓦，10极高动态响应三相无刷直流电机
- ▶ 需要额外的驱动器来运行电机
- ▶ 可根据需求定制不同电压和更大功率的绕组
- ▶ 可根据需求提供不同尺寸的前轴和尾轴
- ▶ 较高的功率密度和紧凑结构设计
- ▶ 防护等级为IP50，可根据需求提供更高的等级
- ▶ 长寿命，免维护，绝缘等级E
- ▶ 150W high dynamic 3-phase brushless DC motor 10-poles
- ▶ Additional electronics is needed to run this motor
- ▶ Special voltage and higher power windings available
- ▶ Different shaft size available for both sides on request
- ▶ High power density and compact design.
- ▶ Protection class IP50, higher class available on request
- ▶ Longer lifetime, maintenance-free, insulation class E

42V数据和曲线--Data and curve of 42V

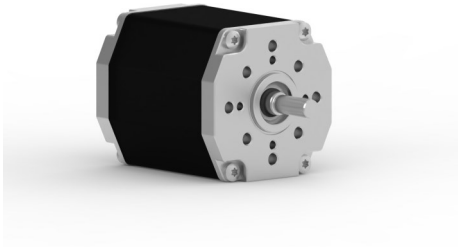
额定电压 Nominal voltage	42 VDC	转矩常数 Torque constant	12 Ncm A ⁻¹
额定电流 Nominal current	4.5 A	终端电阻 Terminal resistance	0.31 Ω
额定转矩 Nominal torque	40 Ncm	终端电感 Terminal inductance	3.8 mH
额定转速 Nominal speed	2860 rpm	峰值电流 Peak current(2 sec.)	38.5 A
堵转转矩 Stall torque	330 Ncm	转子惯量 Rotor inertial	172 gcm ²
空载转速 No load speed	5560 rpm	电机重量 Weight of motor	1.8 kg



尺寸为毫米-Dimensions in mm



无刷电机--BL65-100, 100W

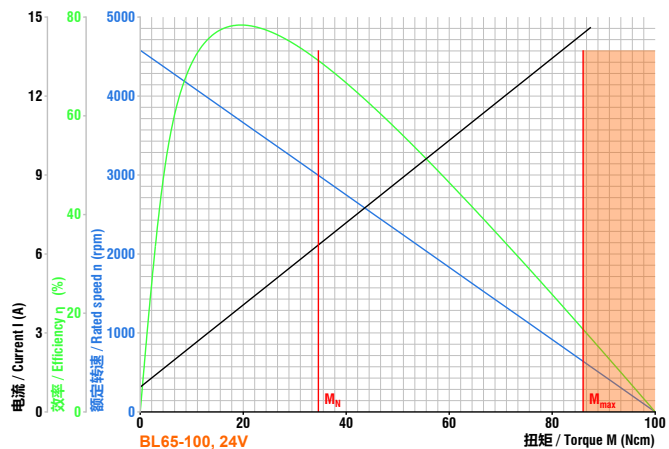


适配行星减速箱--Planetary gearbox available
适配蜗轮蜗杆减速箱--Worm gearbox available
适配制动器--Brake available
适配控制器--Controller available
适配编码器--Encoder available
更多客户要求--More request from customer

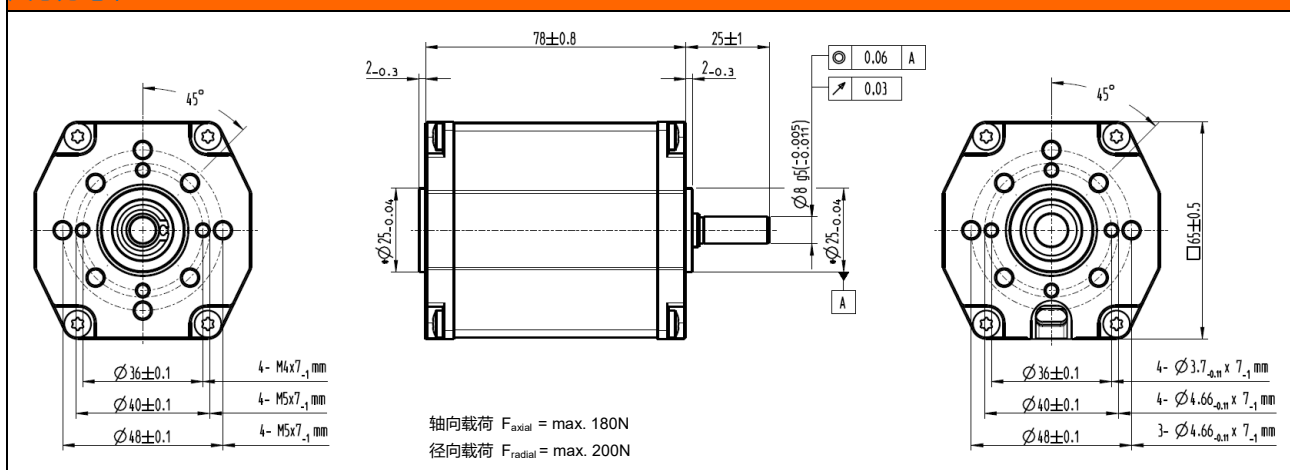
- 100瓦, 10极高动态响应三相无刷直流电机
- 需要额外的驱动器来运行电机
- 可根据需求定制不同电压的绕组
- 可根据需求提供不同尺寸的前轴和尾轴
- 较高的功率密度和紧凑结构设计
- 防护等级为IP50, 可根据需求提供更高的等级
- 长寿命, 免维护, 绝缘等级E
- 100W high dynamic 3-phase brushless DC motor 10-poles
- Additional electronics is needed to run this motor
- Special voltage windings available on request
- Different shaft size available for both sides on request
- High power density and compact design.
- Protection class IP50, higher class available on request
- Longer lifetime, maintenance-free, insulation class E

24V数据和曲线--Data and curve of 24V

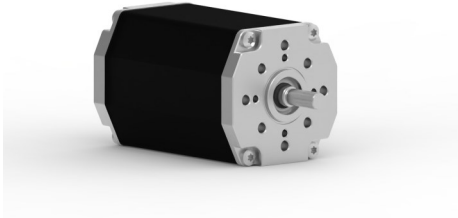
额定电压 Nominal voltage	24 VDC	转矩常数 Torque constant	6.4 Ncm A ⁻¹
额定电流 Nominal current	6.02 A	终端电阻 Terminal resistance	0.192 Ω
额定转矩 Nominal torque	34.6 Ncm	终端电感 Terminal inductance	0.84 mH
额定转速 Nominal speed	2980 rpm	峰值电流(2 sec.) Peak current(2 sec.)	19 A
堵转转矩 Stall torque	100 Ncm	转子惯量 Rotor inertial	70 gcm ²
空载转速 No load speed	4580 rpm	电机重量 Weight of motor	0.9 kg



尺寸为毫米-Dimensions in mm



无刷电机--BL65-200, 200W

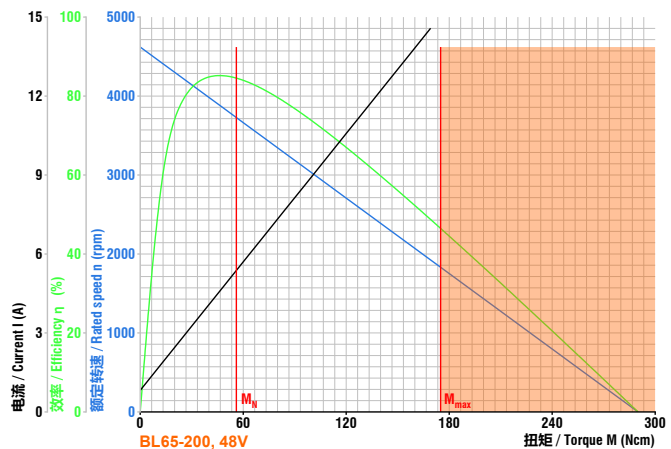


适配行星减速箱--Planetary gearbox available
适配蜗轮蜗杆减速箱--Worm gearbox available
适配制动器--Brake available
适配控制器--Controller available
适配编码器--Encoder available
更多客户要求--More request from customer

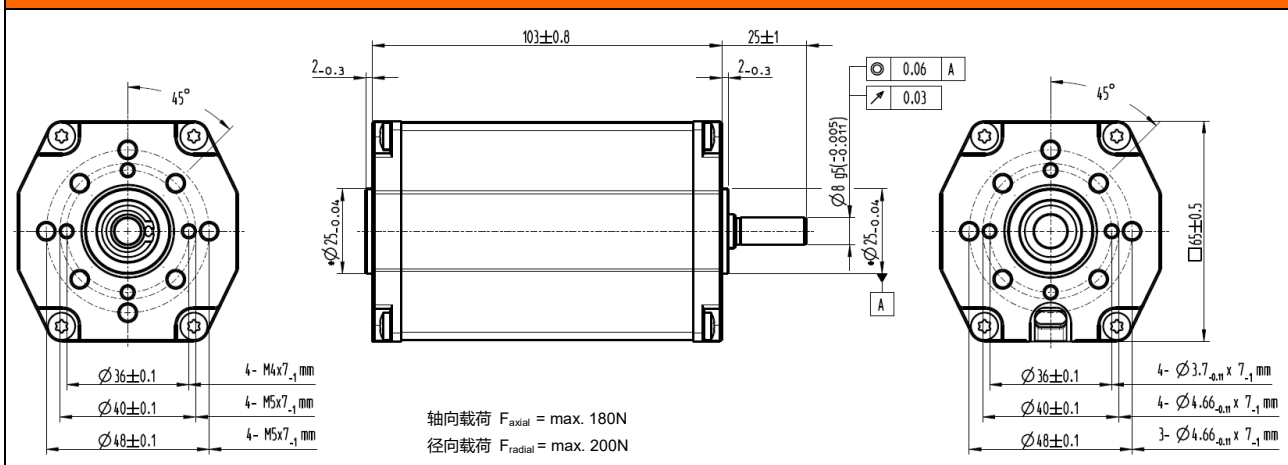
- 200瓦, 10极高动态响应三相无刷直流电机
- 需要额外的驱动器来运行电机
- 可根据需求定制不同电压的绕组
- 可根据需求提供不同尺寸的前轴和尾轴
- 较高的功率密度和紧凑结构设计
- 防护等级为IP50, 可根据需求提供更高的等级
- 长寿命, 免维护, 绝缘等级E
- 200W high dynamic 3-phase brushless DC motor 10-poles
- Additional electronics is needed to run this motor
- Special voltage windings available on request
- Different shaft size available for both sides on request
- High power density and compact design.
- Protection class IP50, higher class available on request
- Longer lifetime, maintenance-free, insulation class E

48V数据和曲线--Data and curve of 48V

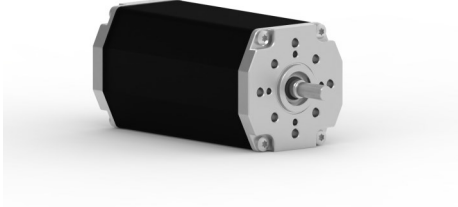
额定电压 Nominal voltage	48 VDC	转矩常数 Torque constant	12.3 Ncm A ⁻¹
额定电流 Nominal current	5.2 A	终端电阻 Terminal resistance	0.38 Ω
额定转矩 Nominal torque	56 Ncm	终端电感 Terminal inductance	1.65 mH
额定转速 Nominal speed	3520 rpm	峰值电流 Peak current(2 sec.)	24A
堵转转矩 Stall torque	290 Ncm	转子惯量 Rotor inertial	129 gcm ²
空载转速 No load speed	4620 rpm	电机重量 Weight of motor	1.6 kg



尺寸为毫米-Dimensions in mm



无刷电机--BL65-400, 400W

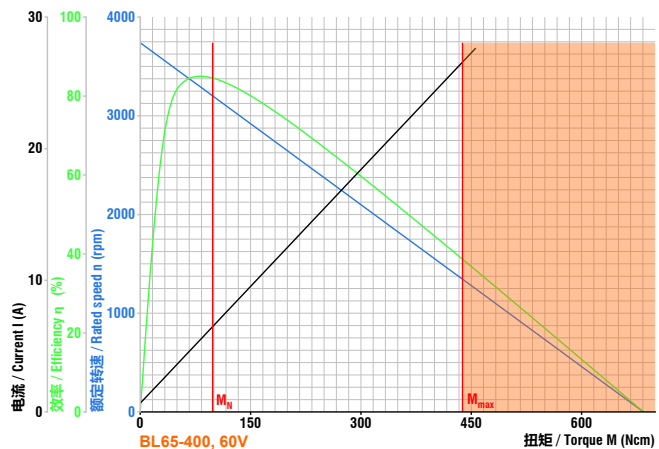


适配行星减速箱--Planetary gearbox available
适配蜗轮蜗杆减速箱--Worm gearbox available
适配制动器--Brake available
适配控制器--Controller available
适配编码器--Encoder available
更多客户要求--More request from customer

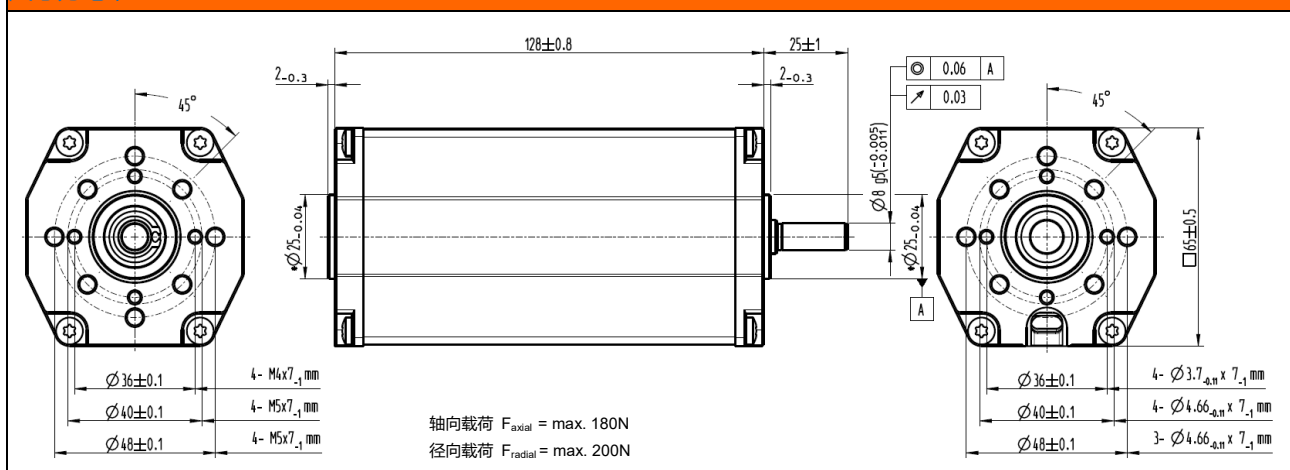
- 400瓦, 10极高动态响应三相无刷直流电机
- 需要额外的驱动器来运行电机
- 可根据需求定制不同电压的绕组
- 可根据需求提供不同尺寸的前轴和尾轴
- 较高的功率密度和紧凑结构设计
- 防护等级为IP50, 可根据需求提供更高的等级
- 长寿命, 免维护, 绝缘等级E
- 400W high dynamic 3-phase brushless DC motor 10-poles
- Additional electronics is needed to run this motor
- Special voltage windings available on request
- Different shaft size available for both sides on request
- High power density and compact design.
- Protection class IP50, higher class available on request
- Longer lifetime, maintenance-free, insulation class E

60V数据和曲线--Data and curve of 60V

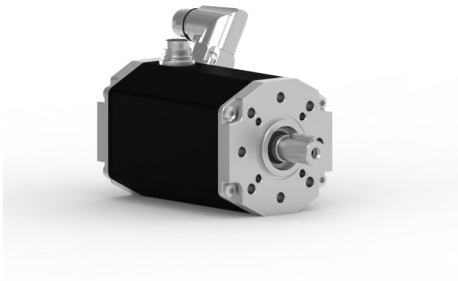
额定电压 Nominal voltage	60 VDC	转矩常数 Torque constant	16.9 Ncm A ⁻¹
额定电流 Nominal current	6.78 A	终端电阻 Terminal resistance	0.409 Ω
额定转矩 Nominal torque	98.5 Ncm	终端电感 Terminal inductance	0.611 mH
额定转速 Nominal speed	3410 rpm	峰值电流(2 sec.) Peak current(2 sec.)	41 A
堵转扭矩 Stall torque	684 Ncm	转子惯量 Rotor inertial	188 gcm ²
空载转速 No load speed	3740 rpm	电机重量 Weight of motor	1.9 kg



尺寸为毫米-Dimensions in mm



无刷电机--BL75-25, 220W



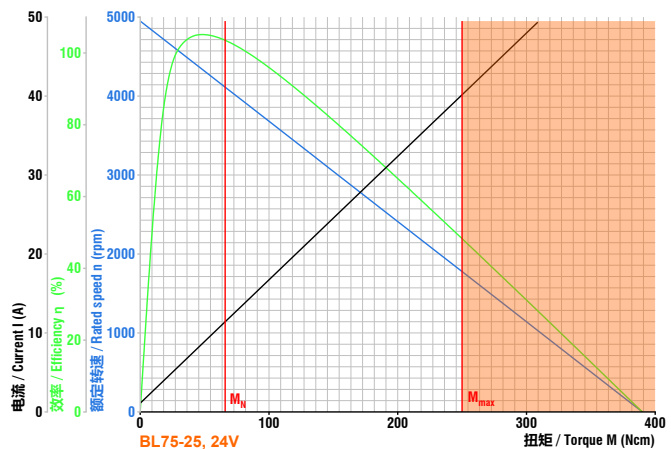
适配行星减速箱--Planetary gearbox available
适配蜗轮蜗杆减速箱--Worm gearbox available
适配制动器--Brake available
适配控制器--Controller available
适配编码器--Encoder available
更多客户要求--More request from customer

- 220瓦，8极高动态响应三相无刷直流电机
- 需要额外的驱动器来运行电机
- 可根据需求定制不同电压的绕组
- 可根据需求提供不同尺寸的前轴和尾轴
- 较高的功率密度和紧凑结构设计
- 防护等级为IP50，可根据需求提供更高的等级
- 长寿命，免维护，绝缘等级E

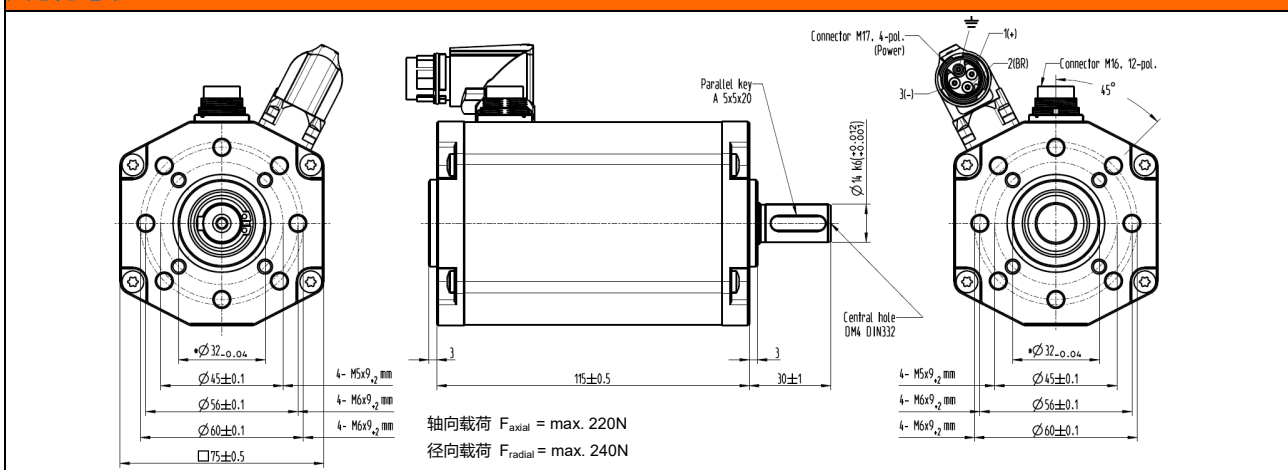
- 220W high dynamic 3-phase brushless DC motor 8-poles
- Additional electronics is needed to run this motor
- Special voltage windings available on request
- Different shaft size available for both sides on request
- High power density and compact design.
- Protection class IP50, higher class available on request
- Longer lifetime, maintenance-free, insulation class E

24V数据和曲线--Data and curve of 24V

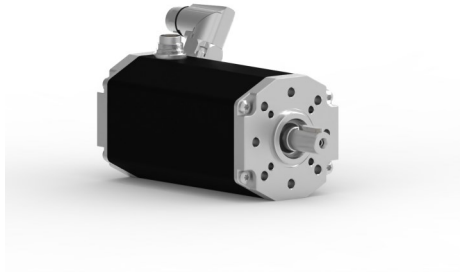
额定电压 Nominal voltage	24 VDC	转矩常数 Torque constant	6.4 Ncm A ⁻¹
额定电流 Nominal current	13.1 A	终端电阻 Terminal resistance	0.074 Ω
额定转矩 Nominal torque	66 Ncm	终端电感 Terminal inductance	0.4 mH
额定转速 Nominal speed	3620 rpm	峰值电流 Peak current(2 sec.)	65 A
堵转扭矩 Stall torque	390 Ncm	转子惯量 Rotor inertial	240 gcm ²
空载转速 No load speed	4950 rpm	电机重量 Weight of motor	1.6 kg



尺寸为毫米-Dimensions in mm



无刷电机--BL75-50, 400W

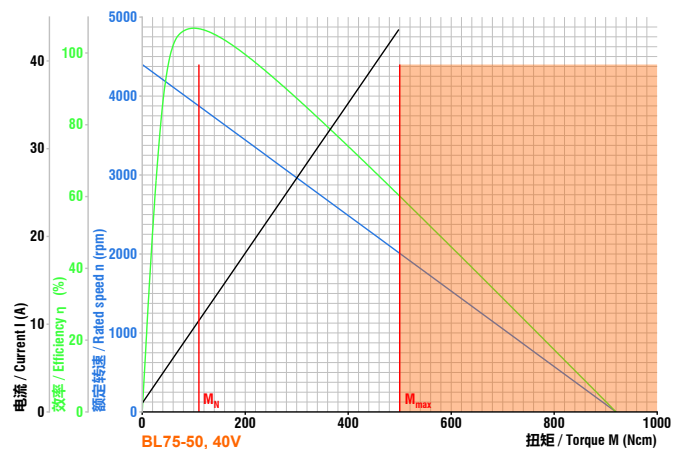


适配行星减速箱--Planetary gearbox available
适配蜗轮蜗杆减速箱--Worm gearbox available
适配制动器--Brake available
适配控制器--Controller available
适配编码器--Encoder available
更多客户要求--More request from customer

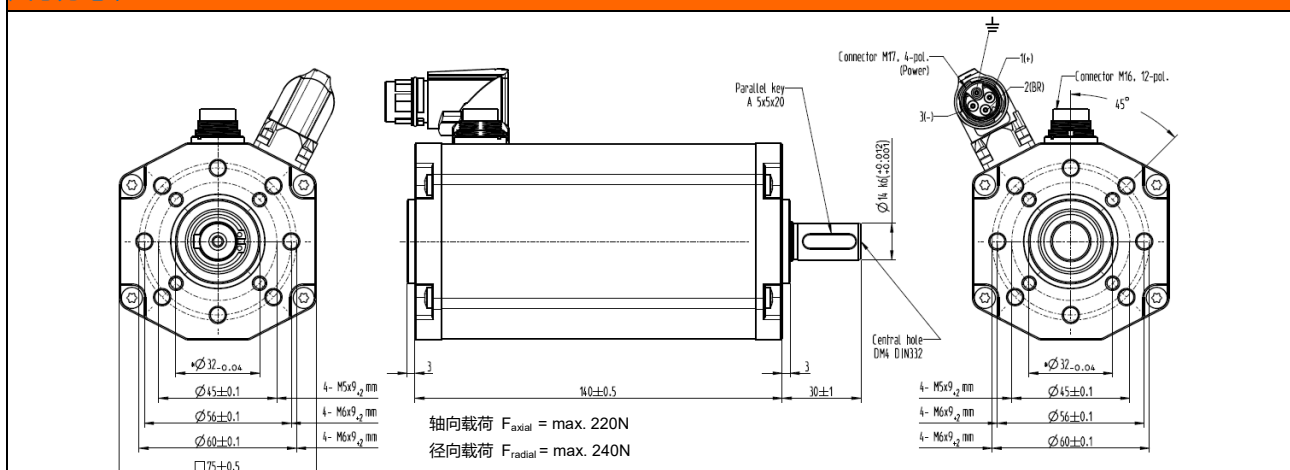
- 400瓦，8极高动态响应三相无刷直流电机
- 需要额外的驱动器来运行电机
- 可根据需求定制不同电压的绕组
- 可根据需求提供不同尺寸的前轴和尾轴
- 较高的功率密度和紧凑结构设计
- 防护等级为IP50，可根据需求提供更高的等级
- 长寿命，免维护，绝缘等级E
- 400W high dynamic 3-phase brushless DC motor 8-poles
- Additional electronics is needed to run this motor
- Special voltage windings available on request
- Different shaft size available for both sides on request
- High power density and compact design.
- Protection class IP50, higher class available on request
- Longer lifetime, maintenance-free, insulation class E

40V数据和曲线--Data and curve of 40V

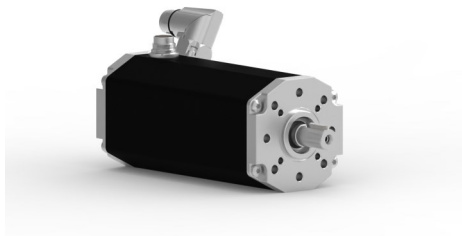
额定电压 Nominal voltage	40 VDC	转矩常数 Torque constant	11.7 Ncm A ⁻¹
额定电流 Nominal current	12 A	终端电阻 Terminal resistance	0.1 Ω
额定转矩 Nominal torque	110 Ncm	终端电感 Terminal inductance	0.63 mH
额定转速 Nominal speed	3500 rpm	峰值电流 Peak current(2 sec.)	55 A
堵转扭矩 Stall torque	920 Ncm	转子惯量 Rotor inertial	440 gcm ²
空载转速 No load speed	4400 rpm	电机重量 Weight of motor	2.2 kg



尺寸为毫米-Dimensions in mm



无刷电机--BL75-75, 530W

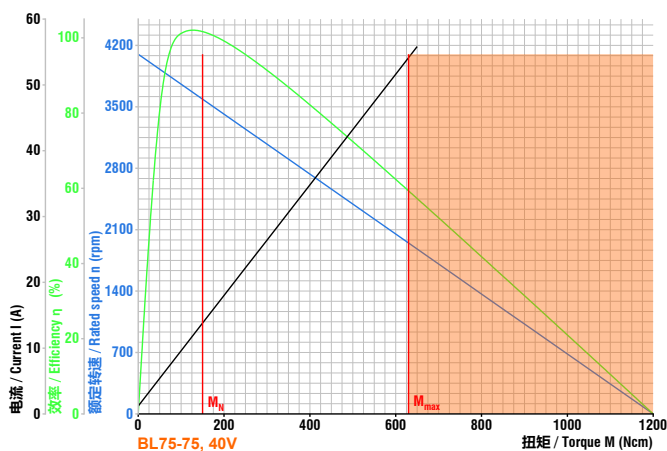


适配行星减速箱--Planetary gearbox available
适配蜗轮蜗杆减速箱--Worm gearbox available
适配制动器--Brake available
适配控制器--Controller available
适配编码器--Encoder available
更多客户要求--More request from customer

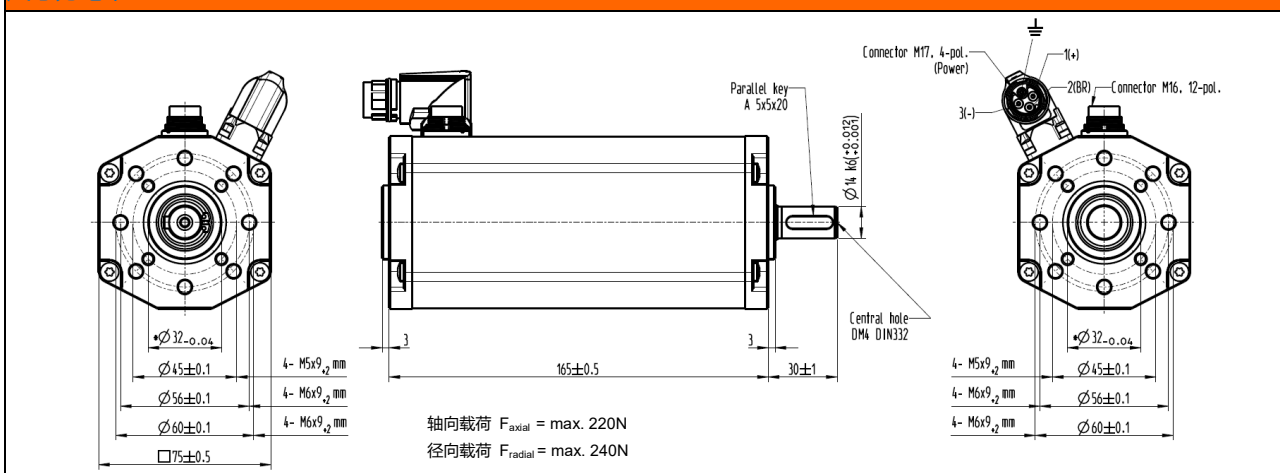
- 530瓦，8极高动态响应三相无刷直流电机
- 需要额外的驱动器来运行电机
- 可根据需求定制不同电压的绕组
- 可根据需求提供不同尺寸的前轴和尾轴
- 较高的功率密度和紧凑结构设计
- 防护等级为IP50，可根据需求提供更高的等级
- 长寿命，免维护，绝缘等级E
- 530W high dynamic 3-phase brushless DC motor 8-poles
- Additional electronics is needed to run this motor
- Special voltage windings available on request
- Different shaft size available for both sides on request
- High power density and compact design.
- Protection class IP50, higher class available on request
- Longer lifetime, maintenance-free, insulation class E

40V数据和曲线--Data and curve of 40V

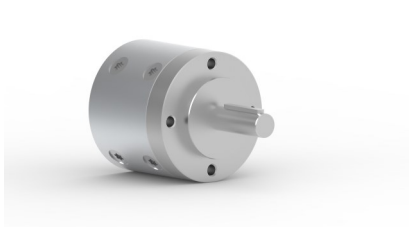
额定电压 Nominal voltage	40 VDC	转矩常数 Torque constant	11.9 Ncm A ⁻¹
额定电流 Nominal current	15.6 A	终端电阻 Terminal resistance	0.07 Ω
额定转矩 Nominal torque	150 Ncm	终端电感 Terminal inductance	0.45 mH
额定转速 Nominal speed	3370 rpm	峰值电流(2 sec.) Peak current(2 sec.)	64 A
堵转转矩 Stall torque	1200 Ncm	转子惯量 Rotor inertial	650 gcm ²
空载转速 No load speed	4100 rpm	电机重量 Weight of motor	2.8 kg



尺寸为毫米-Dimensions in mm

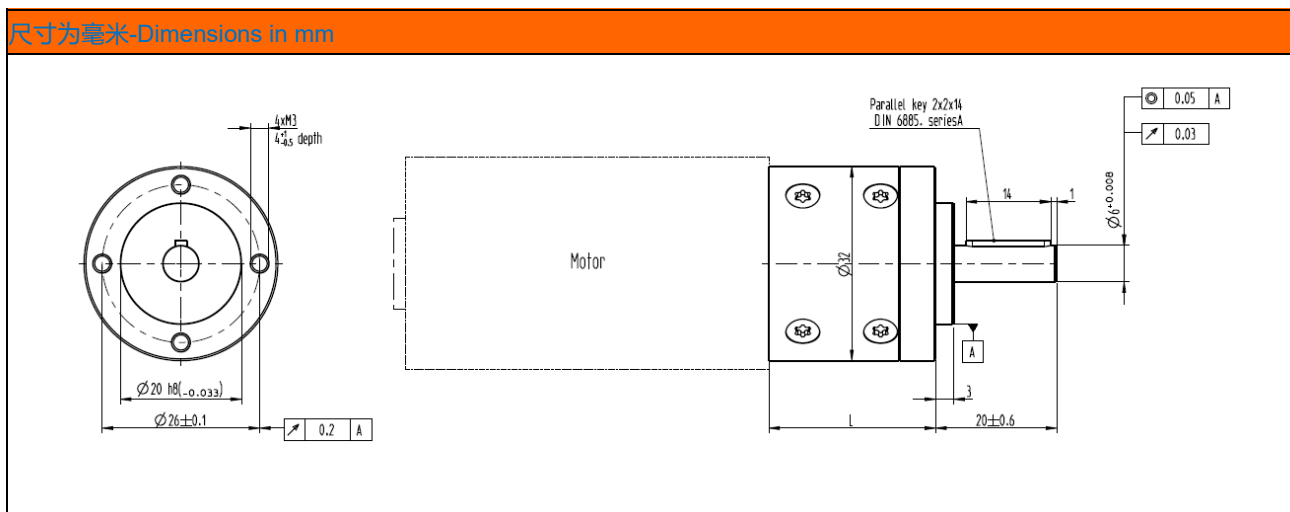


行星齿轮减速箱--PG32/PG32H



- ▶ 紧凑的工业级别行星减速箱
- ▶ 高效率，长寿命，免维护
- ▶ 钢制的内齿圈、行星齿轮架和太阳轮
- ▶ 第一级行星轮使用塑料材质
- ▶ 双滚珠轴承结构的输出轴
- ▶ 减速箱每级行星齿轮都是直齿
- ▶ 可根据要求，提供低噪声PG32H的版本
- ▶ Compact, industry compatible planetary gearbox
- ▶ Higher efficiency, longer lifetime, maintenance-free
- ▶ Ring gear, planetary carriers and sun wheels are steel
- ▶ Planetary gears are POM in first stage
- ▶ Output shaft with dual ball bearings
- ▶ All stages have straight tooth
- ▶ Low noise version PG32H available on request

数据--Data																			
减速比 Reduction ratio		4.5	6.25	8	11.5 (H)	20.25	28.12	36	50	64	71.87 (H)	91.12	126.5	162	225	288	400	512	575 (H)
效率 Efficiency		0.9				0.81				0.73									
级数 Number of stages		1				2				3									
连续转矩 Continuous torque	Ncm	40				150				400									
减速箱重量 Weight of gearbox	kg	0.14				0.18				0.23									
轴向载荷/径向载荷 Axial load/radial load	N	30/100				30/100				30/100									
长度 (L) Length(L)	mm	28/35(H)				38/45(H)				48/55(H)									

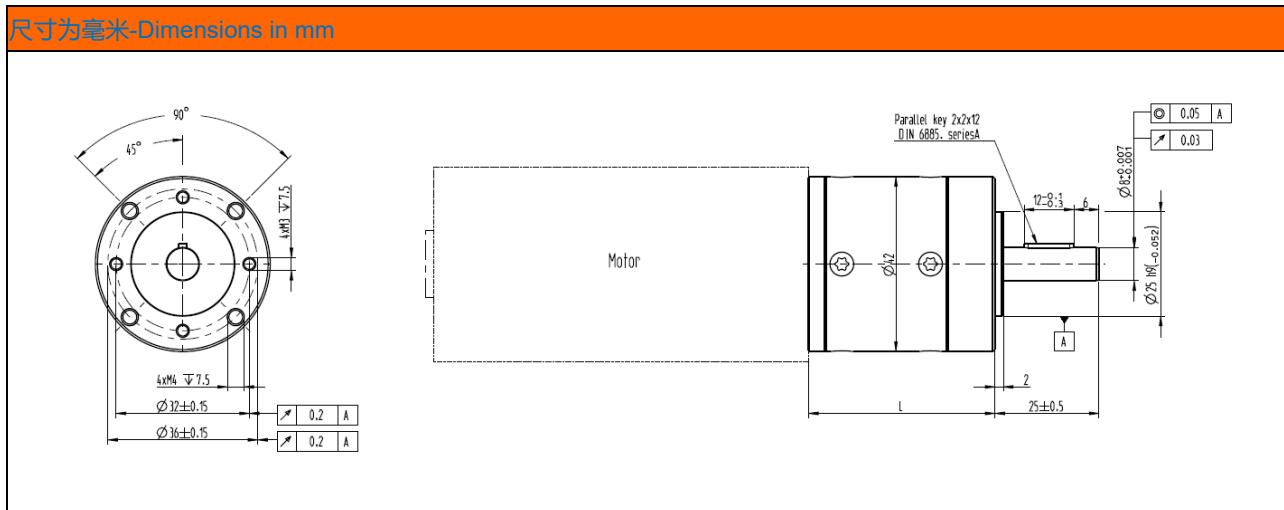


行星齿轮减速箱--PG42/PG42H



- ▶ 紧凑的工业级别行星减速箱
- ▶ 高效率，长寿命，免维护
- ▶ 钢制的内齿圈、行星齿轮架和太阳轮
- ▶ 第一级行星轮使用塑料材质
- ▶ 双滚珠轴承结构的输出轴
- ▶ 减速箱每级行星齿轮都是直齿
- ▶ 可根据要求，提供低噪声PG42H的版本
- ▶ Compact, industry compatible planetary gearbox
- ▶ Higher efficiency, longer lifetime, maintenance-free
- ▶ Ring gear, planetary carriers and sun wheels are steel
- ▶ Planetary gears are POM in first stage
- ▶ Output shaft with dual ball bearings
- ▶ All stages have straight tooth
- ▶ Low noise version PG42H available on request

数据--Data																	
减速比 Reduction ratio		4	6.25	8	16	25	32	50	64	100	128	156	200	256	313	400	512
效率 Efficiency		0.9			0.81			0.73									
级数 Number of stages		1			2			3									
连续转矩 Continuous torque	Ncm	70/350			600			1400									
减速箱重量 Weight of gearbox	kg	0.27			0.37			0.47									
轴向载荷/径向载荷 Axial load/radial load	N	150/250			150/250			150/250									
长度 (L) Length(L)	mm	47			57			70									

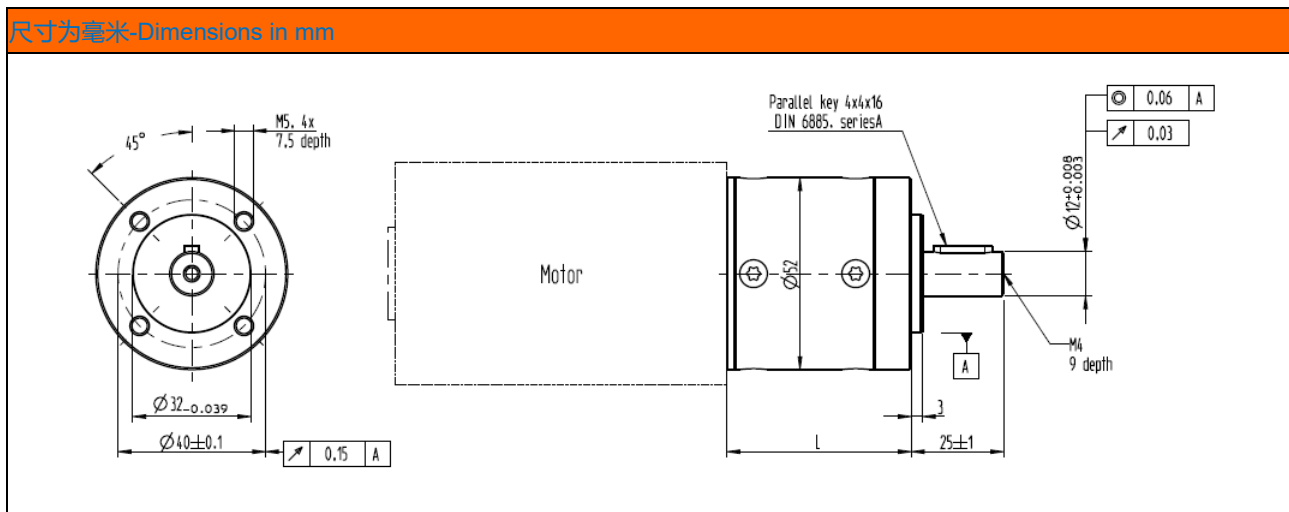


行星齿轮减速箱--PG52/PG52H



- ▶ 紧凑的工业级别行星减速箱
- ▶ 高效率，长寿命，免维护
- ▶ 钢制的内齿圈、行星齿轮架和太阳轮
- ▶ 双滚珠轴承结构的输出轴
- ▶ PG52减速箱每级行星齿轮都是直齿
- ▶ 可根据要求，提供低噪声PG52H的版本
- ▶ Compact, industry compatible planetary gearbox
- ▶ Higher efficiency, longer lifetime, maintenance-free
- ▶ Ring gear, planetary carriers and sun wheels are steel
- ▶ Output shaft with dual ball bearings
- ▶ All stages have straight tooth of PG52
- ▶ Low noise version PG52H available on request

数据--Data																		
减速比 Reduction ratio		4.5	6.25	8	15	20.25	28.12	36	50	64	91.12	126.5	162	225	288	400	512	
效率 Efficiency		0.9			0.81						0.73							
级数 Number of stages		1			2						3							
连续转矩 Continuous torque	Ncm	120			800						2400							
减速箱重量 Weight of gearbox	kg	0.56			0.72						0.88							
轴向载荷/径向载荷 Axial load/radial load	N	500/350			500/350						500/350							
长度 (L) Length(L)	mm	50			65.6						80.5							

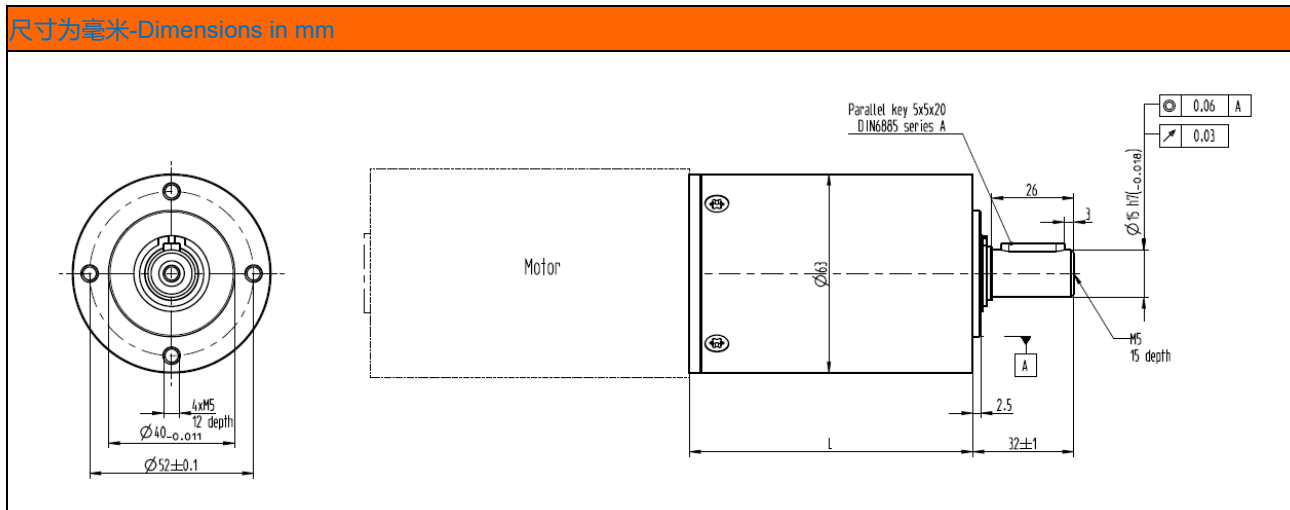


行星齿轮减速箱--PG63H



- ▶ 低噪声医疗级别行星减速箱
- ▶ 高效率，长寿命，免维护
- ▶ 金属内齿圈、行星齿轮架和太阳轮
- ▶ 双滚珠轴承结构的输出轴
- ▶ 减速箱每级行星齿轮都是斜齿
- ▶ 根据要求，可提供高强度PG63HM的版本
- ▶ Low noise, medical compatible planetary gearbox
- ▶ Higher efficiency, longer lifetime, maintenance-free
- ▶ Ring gear, planetary carriers and sun wheels are metal
- ▶ Output shaft with dual ball bearings
- ▶ All stages have helical tooth
- ▶ High-strength version PG63HM available on request

数据--Data												
减速比 Reduction ratio		3	4	7	10	12	16	21	30	40	49	70
效率 Efficiency		0.9				0.81						
级数 Number of stages		1				2						
连续转矩 Continuous torque	Ncm	500				2500						
减速箱重量 Weight of gearbox	kg	0.55				0.78						
轴向载荷/径向载荷 Axial load/radial load	N	500/350				500/350						
长度 (L) Length(L)	mm	62.5				90						

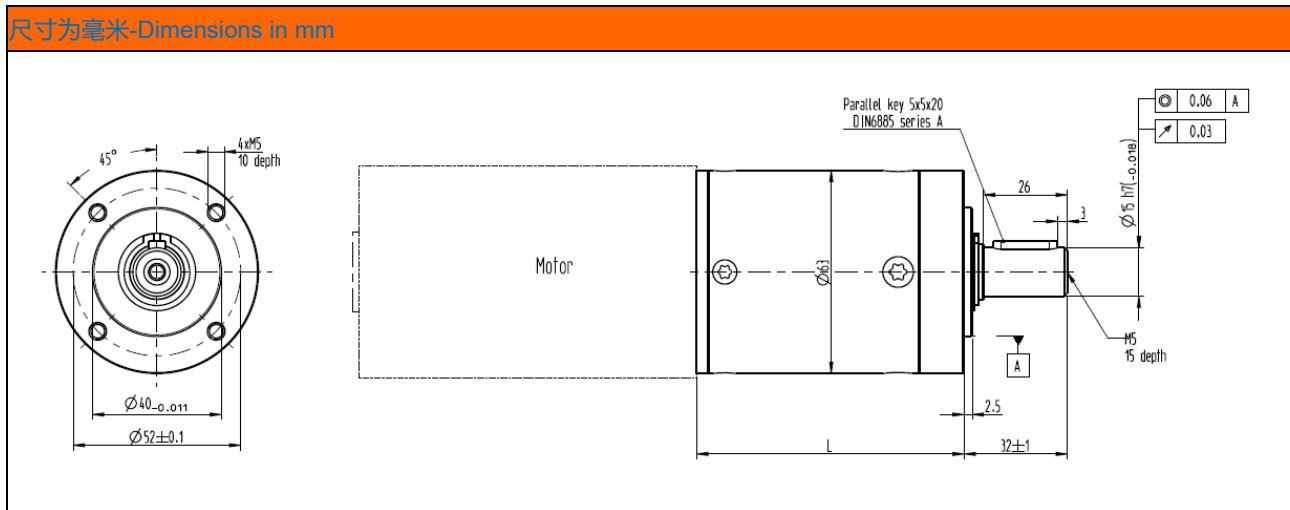


行星齿轮减速箱--PG63



- ▶ 紧凑的工业级别行星减速箱
- ▶ 高效率，长寿命，免维护
- ▶ 钢制的内齿圈、行星齿轮架和太阳轮
- ▶ 双滚珠轴承结构的输出轴
- ▶ 可为项目定制特殊速比的产品
- ▶ 根据要求，可提供高强度PG63M的版本
- ▶ Compact, industry compatible planetary gearbox
- ▶ Higher efficiency, longer lifetime, maintenance-free
- ▶ Ring gear, planetary carriers and sun wheels are steel
- ▶ Output shaft with dual ball bearings
- ▶ Special ratio available for projects
- ▶ High-strength version PG63M available on request

数据--Data																			
减速比 Reduction ratio		3	4	7	10	16.8	20	29.4	35	50	70	84	100	147	175	210	250	350	490
效率 Efficiency		0.9				0.81						0.73							
级数 Number of stages		1				2						3							
连续转矩 Continuous torque	Ncm	1500				7000						10000							
减速箱重量 Weight of gearbox	kg	0.7				1.2						1.8							
轴向载荷/径向载荷 Axial load/radial load	N	800/800				800/800						800/800							
长度 (L) Length(L)	mm	62.5				83						105							

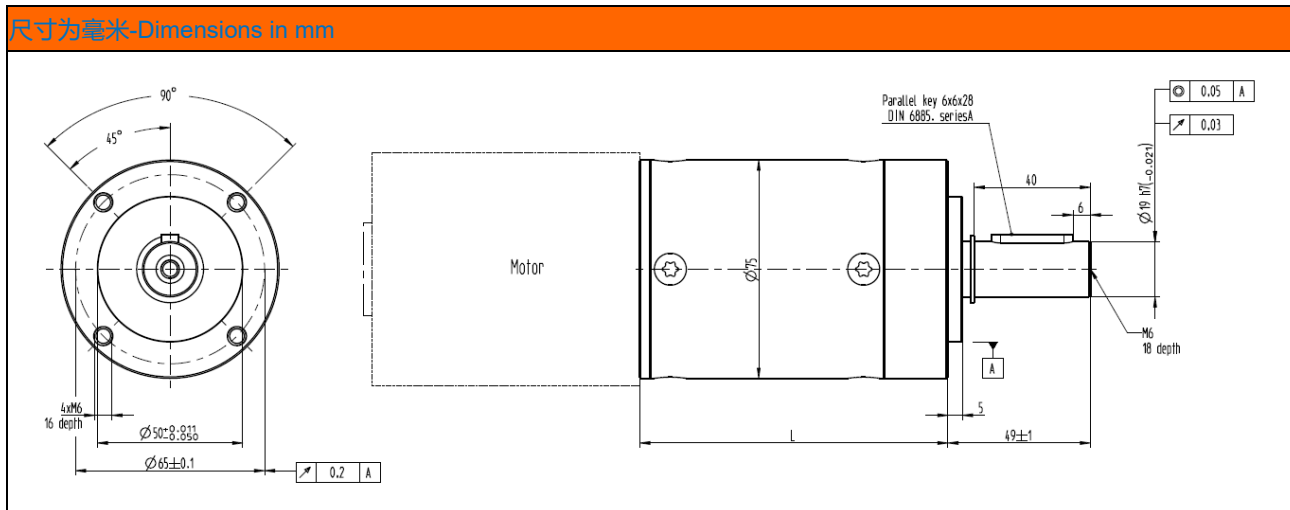


行星齿轮减速箱--PG75



- ▶ 紧凑的工业级别行星减速箱
- ▶ Compact, industry compatible planetary gearbox
- ▶ 高效率, 长寿命, 免维护
- ▶ Higher efficiency, longer lifetime, maintenance-free
- ▶ 钢制的内齿圈、行星齿轮架和太阳轮
- ▶ Ring gear, planetary carriers and sun wheels are steel
- ▶ 双滚珠轴承结构的输出轴
- ▶ Output shaft with dual ball bearings
- ▶ 可为项目定制特殊速比的产品
- ▶ Special ratio available for projects

数据--Data																				
减速比 Reduction ratio		4	5.5	7	10	16.8	23.1	27.5	35	42	50	70	84	100	147	175	210	250	350	490
效率 Efficiency		0.9				0.81						0.73								
级数 Number of stages		1				2						3								
连续转矩 Continuous torque	Ncm	2500				12000						16000								
减速箱重量 Weight of gearbox	kg	1.5				2.6						3.7								
轴向载荷/径向载荷 Axial load/radial	N	1000/1000				1000/1000						1000/1000								
长度 (L) Length(L)	mm	80				106						133								



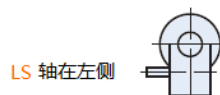
蜗轮蜗杆减速箱--WG24



- ▶ 低噪声蜗轮蜗杆减速箱
- ▶ Low noise worm gearbox
- ▶ 长寿命，免维护
- ▶ Longer lifetime, maintenance-free
- ▶ 高强度压铸的外壳
- ▶ Housing made of high tensile die-cast
- ▶ 蜗轮采用黄铜制造
- ▶ Worm wheel made of brass
- ▶ 根据要求，轴可在左侧、右侧或双轴输出
- ▶ Shaft output to left, right or double sides on request

数据--Data

减速比 Reduction ratio		8	15	23	35	46	72
效率 Efficiency		0.6	0.55	0.5	0.45	0.4	0.3
连续转矩 Continuous torque	Ncm	150					
减速箱重量 Weight of gearbox	kg	0.3					
轴向载荷/径向载荷 Axial load/radial load	N	150/200					



LS 轴在左侧

LS shaft on left



RS 轴在右侧

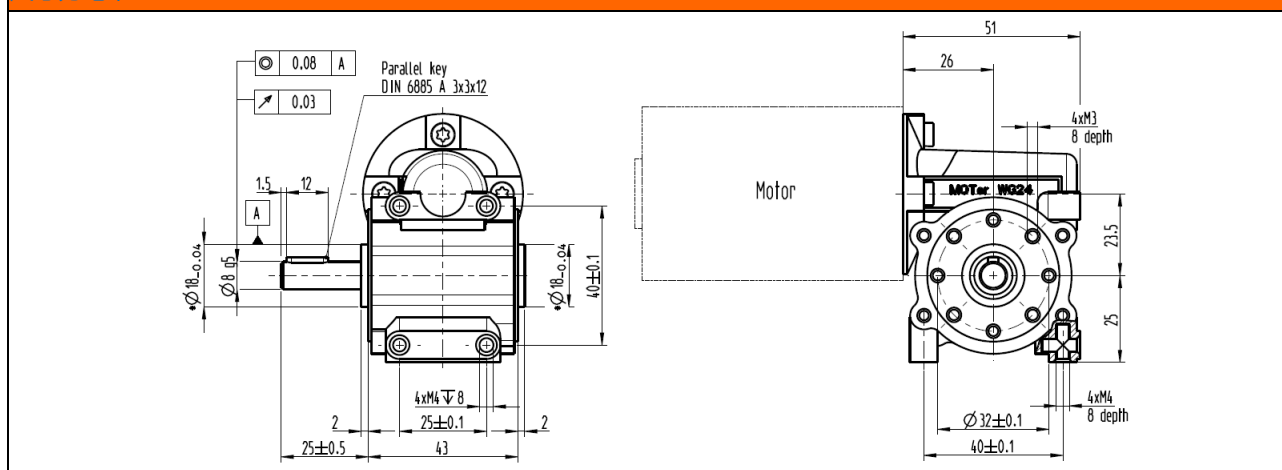
RS shaft on right



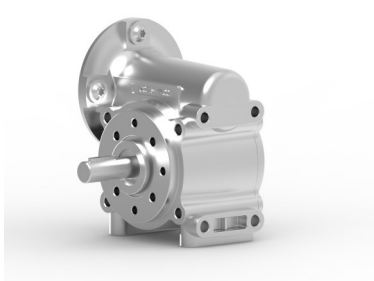
DS 轴在两侧

DS shaft on both sides

尺寸为毫米-Dimensions in mm



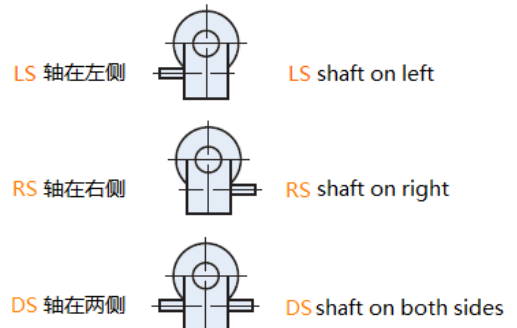
蜗轮蜗杆减速箱--WG31



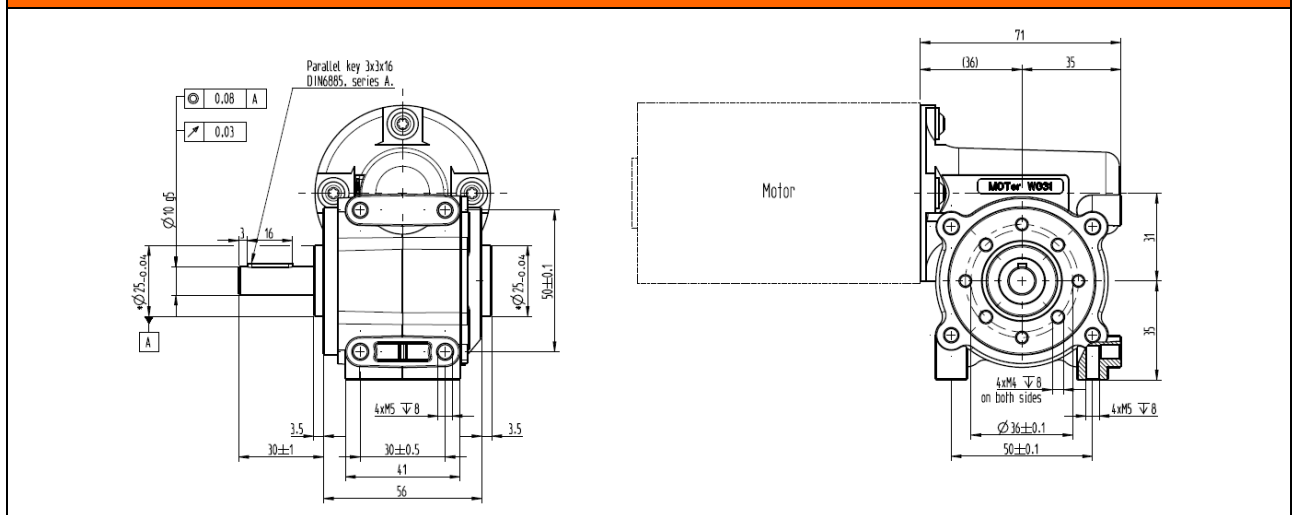
- ▼ 低噪声蜗轮蜗杆减速箱
- ▼ Low noise worm gearbox
- ▼ 长寿命, 免维护
- ▼ Longer lifetime, maintenance-free
- ▼ 高强度压铸的外壳
- ▼ Housing made of high tensile die-cast
- ▼ 蜗轮采用黄铜制造, 减速比10和15为塑料材质
- ▼ Worm wheel made of brass, ratio 10 and 15 are POM
- ▼ 根据要求, 轴可在左侧、右侧或双轴输出
- ▼ Shaft output to left, right or double sides on request
- ▼ 根据要求, 可提供WG31和PG52的组合产品
- ▼ Combinations of WG31 and PG52 available on request

数据--Data

减速比 Reduction ratio		5	7	10	15	24	38	50	75
效率 Efficiency		0.7	0.7	0.65	0.55	0.5	0.4	0.35	0.25
连续转矩 Continuous torque	Ncm	1000, 铜蜗轮/Brass worm wheel 400, 塑料蜗轮/POM worm wheel							
减速箱重量 Weight of gearbox	kg	0.4							
轴向载荷/径向载荷 Axial load/radial load	N	300/350							



尺寸为毫米-Dimensions in mm





编码器--SE20



- ▶ 霍尔效应的磁编码器

▶ 适用于环境较差的工作场合

▶ 适用于低精度的速度和位置控制

▶ 内置式上拉电阻
- ▶ Hall sensor effect magnetic encoder

▶ Applicable to worse environment

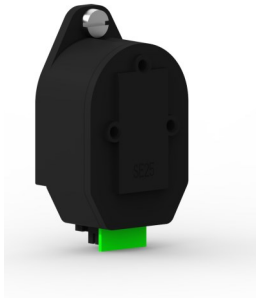
▶ Applicable to lower precise speed and position control

▶ With pull-up resistor

数据--Data							
工作电压 Operation voltage	分辨率 Resolution	信号上升时间 Signal rise time	电流消耗 Supply current	宽度/相移偏差 Width/shift deviation	输出电压(低) Output voltage(L)	工作温度 Operation temp.	防护等级 Protection class
12(5...24)V DC	2, 8,12 CPR	Max. 400ns	Max. 12mA	Max. 15°	Max. 0.4V DC	-40...+85 °C	40

尺寸为毫米-Dimensions in mm	
引线--Cable	SE20
红--Red	5V...24V
黄--Yellow	A
黑--Black	Gnd
绿--Green	B

编码器--SE25



- ▶ 增量型光电编码器

▶ 体积小，可提供易于安装的版本

▶ 根据需求，可提供差分信号输出

▶ 根据要求，可提供特殊分辨率的信号输出
- ▶ Increment type photoelectric encoder

▶ Small size, easy mounting type available

▶ Differential signal output available on request

▶ Special resolution output available on request

如果编码器和信号接收装置的距离超过2.5米，或者在复杂的电磁环境中，我们建议使用带有差分电路(DS)的型号。

Where cable length between encoder and signal receiving device is more than 2.5m, or operated in complicated electromagnetic environment, we recommend use of differential signal (DS) version.

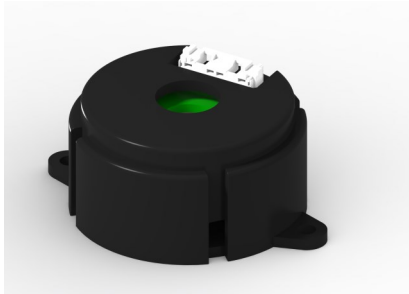
数据--Data							
工作电压 Operation voltage	分辨率 Resolution	信号上升时间 Signal rise time	电流消耗 Supply current	输出电压(高) Output voltage(H)	输出电压(低) Output voltage(L)	工作温度 Operation temp.	防护等级 Protection class
5V DC	100, 500 CPR	180ns	Max. 85mA	Min. 2.4V DC	Max. 0.5V DC	-40...+100 °C	30

尺寸为毫米-Dimensions in mm

针脚-Pin	SE25-X
1	Gnd
2	Index
3	A
4	Vcc 5V
5	B

针脚-Pin	SE25-X DS	针脚-Pin	SE25-X DS
1	N/A	6	A
2	Vcc 5V	7	/B
3	Gnd	8	B
4	N/A	9	/Index
5	/A	10	Index

编码器--SE30



- ▶ 增量型光电编码器
 - ▶ 体积小，易安装
 - ▶ 根据需求，可提供差分信号输出
 - ▶ 根据要求，可提供特殊分辨率的信号输出
 - ▶ 安装分为耳朵和普通方式两种
- ▶ Increment type photoelectric encoder
 - ▶ Small size, easy mounting
 - ▶ Differential signal output available on request
 - ▶ Special resolution output available on request
 - ▶ Mounting with ear and normal way

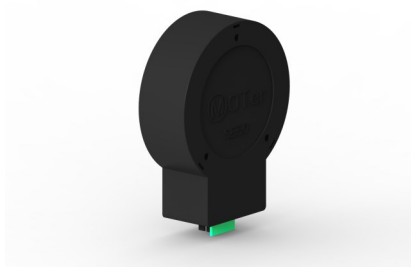
如果编码器和信号接收装置的距离超过2.5米，或者在复杂的电磁环境中，我们建议使用带有差分电路(DS)的型号。

Where cable length between encoder and signal receiving device is more than 2.5m, or operated in complicated electromagnetic environment, we recommend use of differential signal (DS) version.

数据--Data							
工作电压 Operation voltage	分辨率 Resolution	信号上升时间 Signal rise time	电流消耗 Supply current	输出电压(高) Output voltage(H)	输出电压(低) Output voltage(L)	工作温度 Operation temp.	防护等级 Protection class
5V DC	1000, 2000, 4000 CPR	Max. 250ns (DS 100ns)	Max. 80mA	Min. 2V DC	Max. 0.5V DC	-25...+85 °C	40

尺寸为毫米-Dimensions in mm			
引线--Cable	SE30-X	引线--Cable	SE30-X
红--Red	Vcc 5V	白--White	A
黑--Black	Gnd	绿--Green	B
	Shield	黄--Yellow	Index
引线--Cable	SE30-X DS	引线--Cable	SE30-X DS
红--Red	Vcc 5V	绿--Green	B
黑--Black	Gnd	绿/黑--Green/black	/B
	Shield	黄--Yellow	Index
白--White	A	黄/黑--Yellow/black	/Index
白/黑--White/black	/A		

编码器--SE50



- ▶ 增量型光电编码器
- ▶ 体积小，可提供易于安装的版本
- ▶ 根据需求，可提供差分信号输出
- ▶ 根据要求，可提供特殊分辨率的信号输出
- ▶ Increment type photoelectric encoder
- ▶ Small size, easy mounting type available
- ▶ Differential signal output available on request
- ▶ Special resolution output available on request

如果编码器和信号接收装置的距离超过2.5米，或者在复杂的电磁环境中，我们建议使用带有差分电路(DS)的型号。

Where cable length between encoder and signal receiving device is more than 2.5m, or operated in complicated electromagnetic environment, we recommend use of differential signal (DS) version.

数据--Data							
工作电压	分辨率	信号上升时间	电流消耗	输出电压(高)	输出电压(低)	工作温度	防护等级
5V DC	1000, 2000 CPR	180ns	Max. 85mA	Min. 2.4V DC	Max. 0.5V DC	-40...+100 °C	30

尺寸为毫米-Dimensions in mm

Technical drawing of the SE50 encoder showing two views: a side view and a front view.

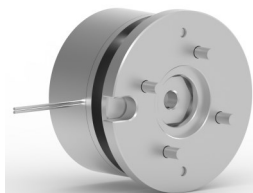
The side view (left) shows a rectangular component with a width of 20 ± 0.5 mm. A dashed line indicates the internal structure.

The front view (right) shows a circular component with an outer diameter of $\varnothing 56$ mm. The central part is labeled "MOTOR" and "SE50". The mounting holes are spaced at a distance of 14 mm from the center. The bottom mounting flange has a width of 31 ± 0.5 mm.

针脚-Pin	SE50-X
1	Gnd
2	Index
3	A
4	Vcc 5V
5	B

针脚-Pin	SE50-X DS	针脚-Pin	SE50-X DS
1	N/A	6	A
2	Vcc 5V	7	/B
3	Gnd	8	B
4	N/A	9	/Index
5	/A	10	Index

断电制动器--RB Series



- ▶ 弹簧式断电制动器
- ▶ Spring-applied power-off brake
- ▶ 可选装手动释放手柄
- ▶ Manual release shank in optional
- ▶ 可提供高防护等级的产品
- ▶ Higher protection class in optional
- ▶ 可提供永磁式制动器(RB300E / RB500E)
- ▶ Permanent magnet brake available(RB300E / RB500E)
- ▶ 根据要求, 可提供特殊制动扭矩的产品
- ▶ Special braking torque available on request

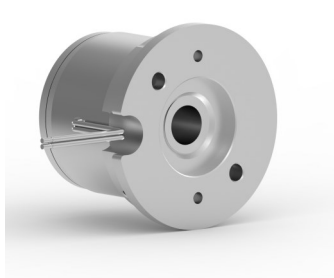
为了保护您控制系统中的直流接触器免遭击穿, 我们建议使用续流二极管。

To protect the DC contacts in your system against arcing, we recommend use of a freewheeling diode.

数据--Data								
型号 Type	工作电压 Operation voltage	制动扭矩 Braking torque	功率输入 Power input	电流消耗 Supply current	通电/断电时间 Pull in/Drop out time	工作制 Duty	绝缘等级 Insulation class	防护等级 Protection class
RB50	24V DC	50Ncm	7W	0.3A	<150/70ms	50%	F	20
RB150	24V DC	150Ncm	11W	0.48A	<150/70ms	50%	E	20
RB200	24V DC	200Ncm	11W	0.46A	<100/70ms	50%	E	20
RB300	24V DC	300Ncm	11W	0.48A	<150/70ms	50%	E	20
RB300E	24V DC	300Ncm	10.5W	0.44A	<15/25ms	50%	E	20
RB500E	24V DC	500Ncm	12W	0.5A	<50/30ms	50%	E	20

尺寸为毫米-Dimensions in mm					
	RB50	RB150	RB200	RB300	
D	47	52	52	57	
L	37	33	54	37	

通电制动器--AB Series



- ▼ 永磁式通电/上电制动器
- ▼ 低噪声，快速响应
- ▼ 根据要求，可提供特殊制动扭矩的产品
- ▼ 可提供高防护等级的产品
- ▼ 工作转速可达10,000rpm
- ▼ Permanent magnet power-on brake
- ▼ Low noise, quick response
- ▼ Special braking torque available on request
- ▼ Higher protection class in optional
- ▼ Maximum operation speed up to 10,000rpm

为了保护您控制系统中的直流接触器免遭击穿，我们建议使用续流二极管。

To protect the DC contacts in your system against arcing, we recommend use of a freewheeling diode.

数据-Data								
型号 Type	工作电压 Operation voltage	制动扭矩 Braking torque	功率输入 Power input	电流消耗 Supply current	通电/断电时间 Pull in/Drop out time	工作制 Duty	绝缘等级 Insulation class	防护等级 Protection class
AB40	24V DC	40Ncm	6W	0.25A	<100/70ms	50%	E	20
AB120	24V DC	120Ncm	8W	0.33A	<100/70ms	50%	E	20
AB240	24V DC	240Ncm	10W	0.42A	<100/70ms	50%	E	20

尺寸为毫米-Dimensions in mm			
	AB40	AB120	AB150
D	32	40	50
L	30	41	44

控制器--MC2410

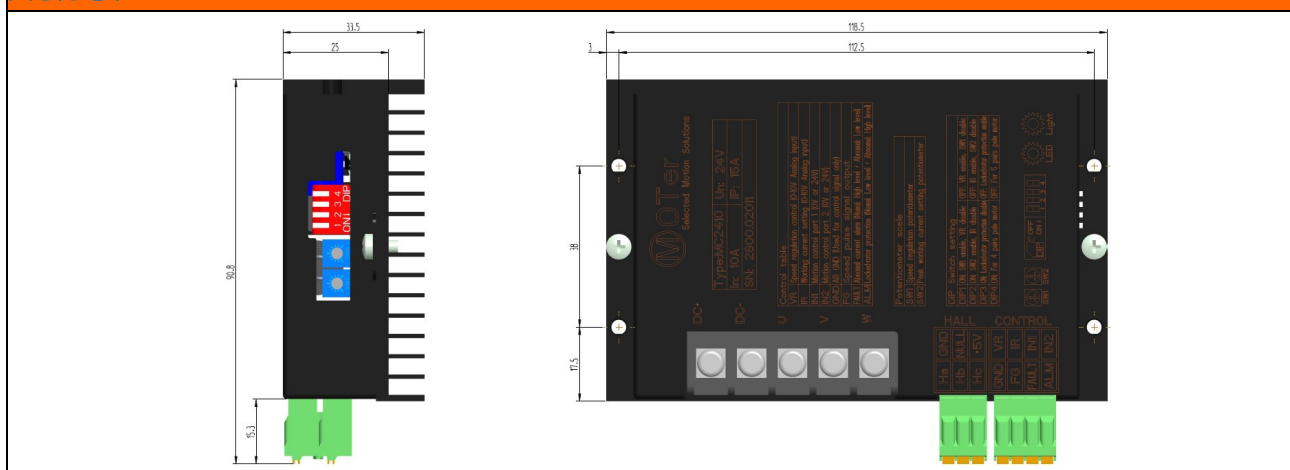


- 结构紧凑的两象限控制器，用来控制直流无刷电机
- 模拟量输入控制
- 内置调节模块，内置速度调节电位器和电流调节电位器
- 功能设置拨码开关
- 输出保护功能
- Compact 2 quadrant controller to control brushless DC motor
- Analog input control
- Built in adjustment module, built-in speed adjustment potentiometer and SW2: current regulating potentiometer
- Function setting DIP switch
- Output protection function

数据--Data		MC2410
逻辑电路额定电压 Nominal voltage electronic supply	VDC	18...28
电源额定电压 Nominal voltage power supply	VDC	18...28
电流消耗 Current consumption	mA	20@24V
峰值输出电流 Peak output current	A	15
连续输出电流 Continuous output current	A	10
防护等级 Protection class	IP	20
环境温度 Ambient temperature	°C	0...+70
相对湿度 Relative humidity	%	5...85
重量 Weight	kg	0.28

输入输出--I/O	
数字量输入 Digital input	2
数字量输出 Digital output	2
模拟量输入 Analog input	2(-10V...+10V)

尺寸为毫米-Dimensions in mm



控制器--MC6005

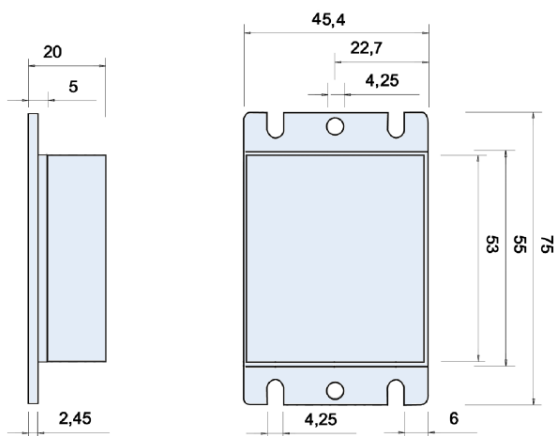


- ▶ 结构紧凑的四象限控制器，用来控制直流无刷和直流有刷电机
- ▶ CAN-open接口 (DSP402)
- ▶ 带有易于操作的PC软件 (驱动助手)
建议在电机上连接一个增量型编码器
- ▶ 带有过压、欠压和过热等保护功能
- ▶ Compact 4 quadrant controller to control brushless and brush-type DC motors
- ▶ CAN-open interface (DSP402)
- ▶ With comfortable PC software (Drive assistant)
Attached incremental encoder at motor is recommended
- ▶ Protected against over-voltage, low-voltage and over-temperature cut-off

数据--Data		MC6005
逻辑电路额定电压 Nominal voltage electronic supply	VDC	9...30
电源额定电压 Nominal voltage power supply	VDC	9...60
电流消耗 Current consumption	mA	30@24V
峰值输出电流 Peak output current	A	15
连续输出电流 Continuous output current	A	5
防护等级 Protection class	IP	20
环境温度 Ambient temperature	°C	0...+70
相对湿度 Relative humidity	%	5...85
重量 Weight	kg	0.03

输入输出--I/O	
数字量输入 Digital input	3
数字量输出 Digital output	1
模拟量输入 Analog input	1(-10V...+10V)

尺寸为毫米--Dimensions in mm



控制器--MC6010

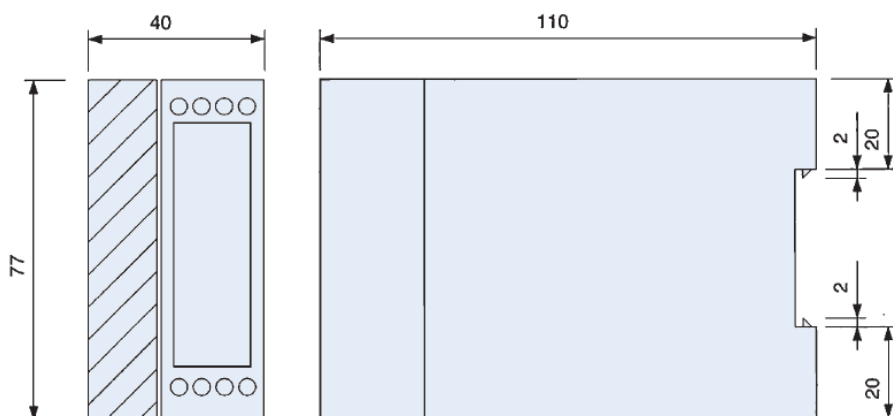


- 结构紧凑的四象限控制器，用来控制直流无刷和直流有刷电机
- CAN-open接口 (DSP402)
- 带有易于操作的PC软件 (驱动助手)
建议在电机上连接一个增量型编码器
- 带有过压、欠压和过热等保护功能
- 可显示ready/status/error三种信息状态
- Compact 4 quadrant controller to control brushless and brush-type DC motors
- CAN-open interface (DSP402)
- With comfortable PC software (Drive assistant)
Attached incremental encoder at motor is recommended
- Protected against over-voltage, low-voltage and over-temperature cut-off
- With display ready/status/error

数据--Data		MC6010
逻辑电路额定电压 Nominal voltage electronic supply	VDC	9...30
电源额定电压 Nominal voltage power supply	VDC	9...60
电流消耗 Current consumption	mA	60@24V
峰值输出电流 Peak output current	A	50
连续输出电流 Continuous output current	A	10
防护等级 Protection class	IP	20
环境温度 Ambient temperature	°C	0...+70
相对湿度 Relative humidity	%	5...85
重量 Weight	kg	0.31

输入输出--I/O	
数字量输入 Digital input	8
数字量输出 Digital output	2
模拟量输入 Analog input	2(-10V...+10V)

尺寸为毫米-Dimensions in mm



控制器--MC6030

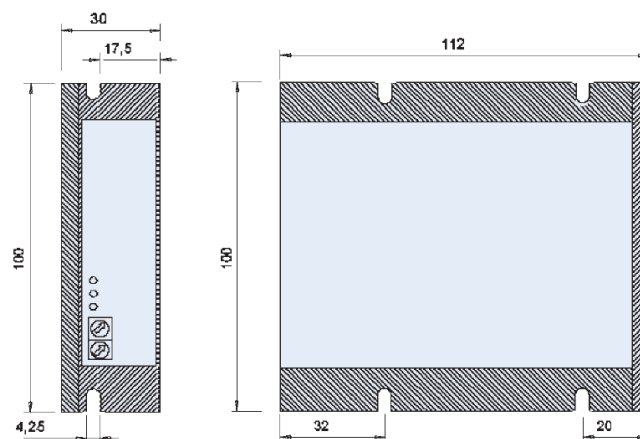


- ▶ 结构紧凑的四象限控制器，用来控制直流无刷和直流有刷电机
- ▶ CAN-open接口 (DSP402)
- ▶ 带有易于操作的PC软件 (驱动助手)
建议在电机上连接一个增量型编码器
- ▶ 带有过压、欠压和过热等保护功能
- ▶ 可显示ready/status/error三种信息状态
- ▶ Compact 4 quadrant controller to control brushless and brush-type DC motors
- ▶ CAN-open interface (DSP402)
- ▶ With comfortable PC software (Drive assistant)
Attached incremental encoder at motor is recommended
- ▶ Protected against over-voltage, low-voltage and over-temperature cut-off
- ▶ With display ready/status/error

数据--Data		MC6030
逻辑电路额定电压 Nominal voltage electronic supply	VDC	9...30
电源额定电压 Nominal voltage power supply	VDC	9...60
电流消耗 Current consumption	mA	70@24V
峰值输出电流 Peak output current	A	100
连续输出电流 Continuous output current	A	30
防护等级 Protection class	IP	20
环境温度 Ambient temperature	°C	0...+70
相对湿度 Relative humidity	%	5...85
重量 Weight	kg	0.38

输入输出--I/O	
数字量输入 Digital input	8
数字量输出 Digital output	2
模拟量输入 Analog input	2(-10V...+10V)

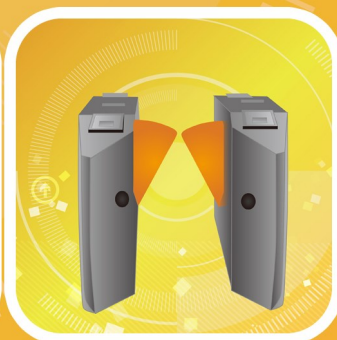
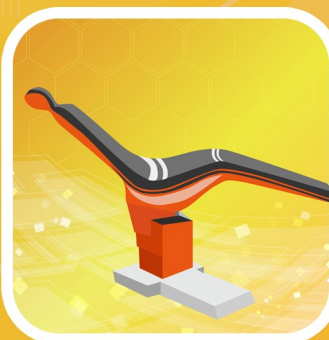
尺寸为毫米-Dimensions in mm





MOTer

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