

20mm法兰外部驱动式滚珠直线步进电机

External Linear Actuator With Ball Screw – NEMA 8

微型集成滚珠丝杠电机，无需联轴器，电机与丝杠直接连接。节省安装空间。滚珠丝杠和螺母使用寿命更长，精度更高。提供不同长度的螺杆。还可以提供内置编码器版本。

Miniature integrated ball screw motor, without coupling, the motor and screw are directly connected. Save installation space. Ball screws and nuts provide longer life and better accuracy. Screws of different lengths available. A built-in encoder for position feedback is also available.



© Feature

- Integrated structure 一体化结构
- Multiple specifications available 多种规格可选
- Longer life and higher accuracy 更长的寿命和精度
- Different lengths available 不同的螺杆长度可选
- A built-in encoder available. 内置编码器版本可选
- Motor Controllers / Drives available 电机控制器/驱动器可配套
- 0.0002mm/step with our controller 0.0002mm的最高精度（配套我们控制器）

© VERSIONS

系列代码 Series models	8HY30	8HY38
相电流 Current per Winding A	0.6	0.6
静力矩 Holding Torque mN.m	18	25
相电阻 Resistance per Winding Ohm	6.5	9
相电感 Inductance per Winding mH	2.2	3
转子惯量 Rotor Inertia gcm ²	2	3
电机重量 Weight kg	0.05	0.08
电机高度 Length “L” mm	30	38
螺杆长度 Screw length*L1	Different lengths available不同丝杆长度可选	
反馈装置 Feedback	Encoder(Closed-loop version)编码器（闭环伺服版本可选）	

* 衍生品可以与我們溝通 Derivatives can communicate with us

订货代号 ORDER IDENTIFIER

8HY38-LExx-BG0601-E2000-P/B/X/C

LExx =Externally driven Screw length xx mm

LExx =外部驱动式电机，丝杆长度xx毫米

BG0601 = Screw code Diameter 6mm Lead 1
BG0601 = 滚珠丝杆 直径6毫米 导程1毫米

E2000=Encoder (Optional E500~2000/BE17)
E2000=编码器 (可选增量500~2000CPR/17位多圈)

P/B/X/C= (P-Handwheel B-Brake X-Rear output
C-Customer Definition)
P/B/X/C= (P-手轮 B-刹车 X-后出轴 C-客户定义)

可选螺杆 Screw optional

Screw 丝杆代码	Diameter(MM) 直径	Lead(MM) 导程	Step(MM) 步长
BG0401	04	1	0.005
BG0601	06	1	0.005
BG0402	04	2	0.01
BG0602	06	2	0.01

*实际行程: L1-1.5-螺母宽度A
*length: L1-1.5-Nut(A)

可选配件 ACCESSORIES

- **HX12500-6Y Motor Cable 0.4m**
- **ZK-ENC-500 Encoder Cable 0.5m**
- **Encoder 高精度编码器 (增量/绝对值)**
- **Brake 电磁刹车**
- **Motor Controllers / Drives 电机驱动控制器**
- 编码器/控制器 规格多样, 具体信息请与我们联系。 Multiple encoders/ Drives supported, please contact us.

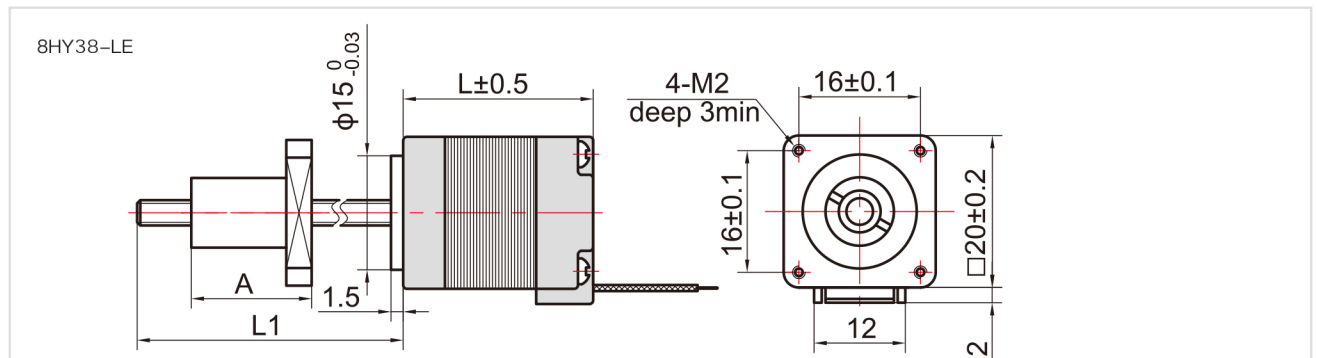
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DIMENSIONS (IN MM)

*丝杆长度和端部加工（如轴承位）可以按用户要求加工生产

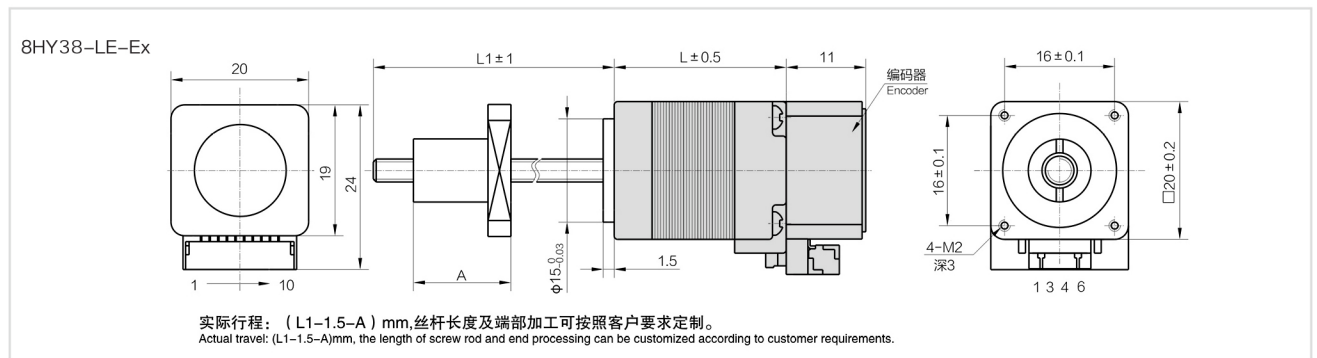
*Screw rod length and end processing (such as bearing position) can be processed and produced according to user requirements



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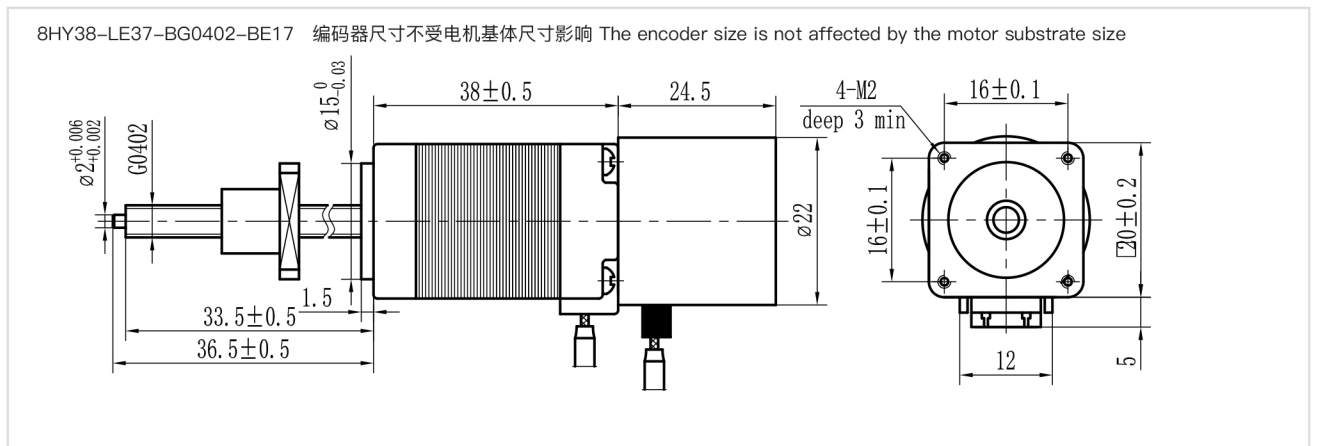
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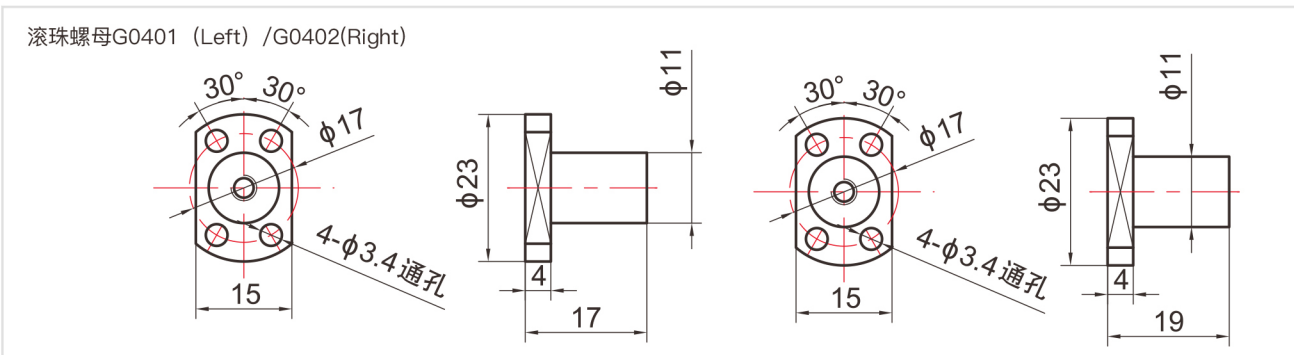


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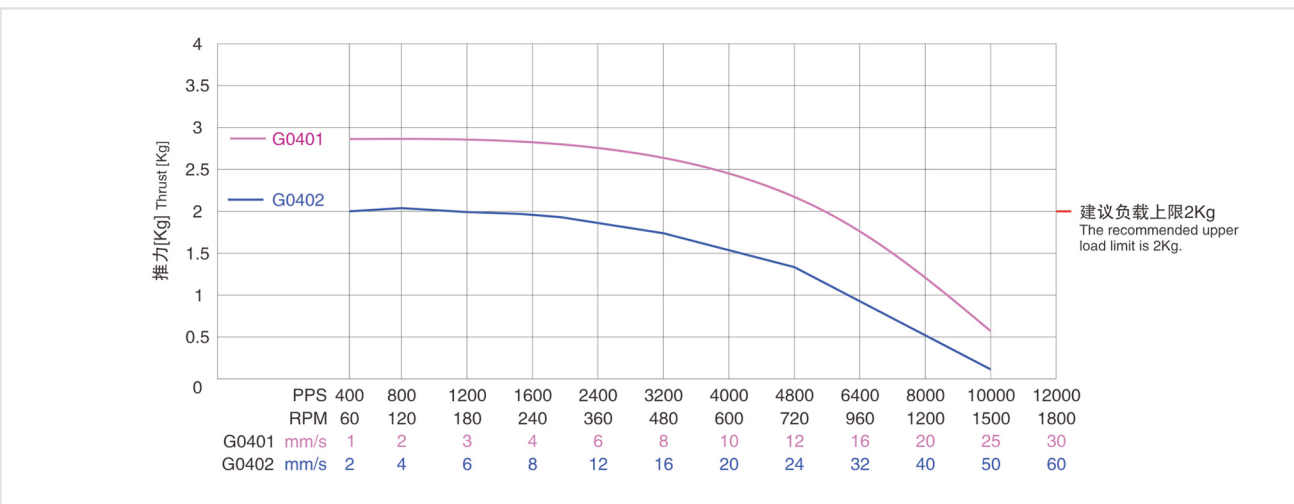
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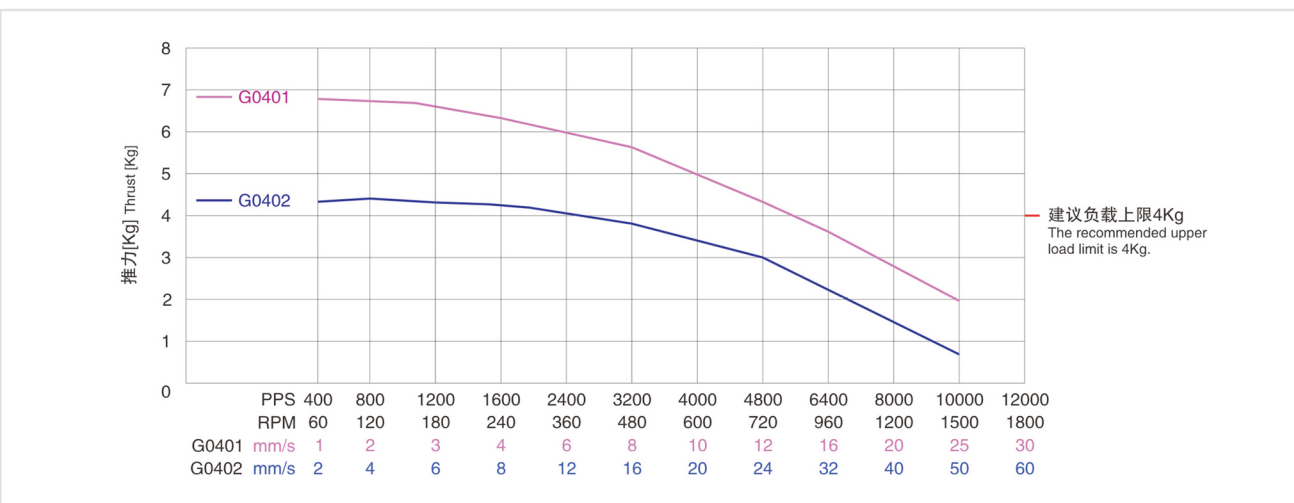


Force-Velocity Curve- 8HY30



- * G0601力矩性能等同于G0401 G0601 torque performance is equivalent to G0401
- * G0602力矩性能等同于G0402 G0602 torque performance is equivalent to G0402
- * 采用我们的驱动器，性能可以增强15%~20% By using our driver, performance can be improved by 15% to 20%

Force-Velocity Curve- 8HY38



- * G0601力矩性能等同于G0401 G0601 torque performance is equivalent to G0401
- * G0602力矩性能等同于G0402 G0602 torque performance is equivalent to G0402
- * 采用我们的驱动器，性能可以增强15%~20% By using our driver, performance can be improved by 15% to 20%