

57mm法兰外部驱动式滚珠直线步进电机

External Linear Actuator With Ball Screw – NEMA 23

NEMA 23 (56 mm) 线性执行器，具有高推力和拉力。无需联轴器。滚珠丝杠具有更长的使用寿命和更高的精度。还提供用于位置反馈的内置高精度编码器。精密线性轴的理想选择

NNEMA 23 (56 mm) linear actuator with high thrust and pull.Without the need for a coupling. Ball screws have a longer life and higher accuracy. A built-in high-precision encoder for position feedback is also available. Ideal for precision linear axes

Feature

- Integrated ball screw & motor 集成滚珠丝杠和电机
- Longer life and higher accuracy 更长的寿命和更高的精度
- Different lengths available 提供不同长度
- A built-in encoder available. 提供内置编码器。
- Motor Controllers / Drives available 电机控制器/驱动器可用
- 0.0025mm/step with our controller •使用我们的控制器为0.0025mm /步



VERSIONS

系列代码 Series models	23HS45	23HS56	23HS76
相电流 Current per Winding A	2.0	3.0	4.0
静力矩 Holding Torque mN.m	0.7	1.3	1.6
相电阻 Resistance per Winding Ohm	1.63	1.1	0.5
相电感 Inductance per Winding mH	4.2	3.2	1.7
转子惯量 Rotor Inertia gcm ²	155	280	460
电机重量 Weight kg	0.5	0.63	1
电机高度 Length “L” mm	45	56	76
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）		

* 衍生品可以与我们沟通 Derivatives can communicate with us

订货代号 ORDER IDENTIFIER

23HS45-LExx-BG1202-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

BG1202 = Screw code Diameter 12mm Lead 2mm
BG1202 = 滚珠丝杆 直径12毫米 导程2毫米

E2000=Encoder (Optional E500~2000/BE17/SE16)
E2000=编码器（可选增量500~2000CPR/17位多圈绝对/16位单圈绝对）

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
G1202	12	2	0.01
G1204	12	4	0.02
G1205	12	5	0.025
G1605	16	5	0.025
G1610	16	10	0.05
G1616	16	16	0.08

*实际行程：L1-1.6-螺母宽度A
*length: L1-1.6-Nut(A)

可选配件 ACCESSORIES

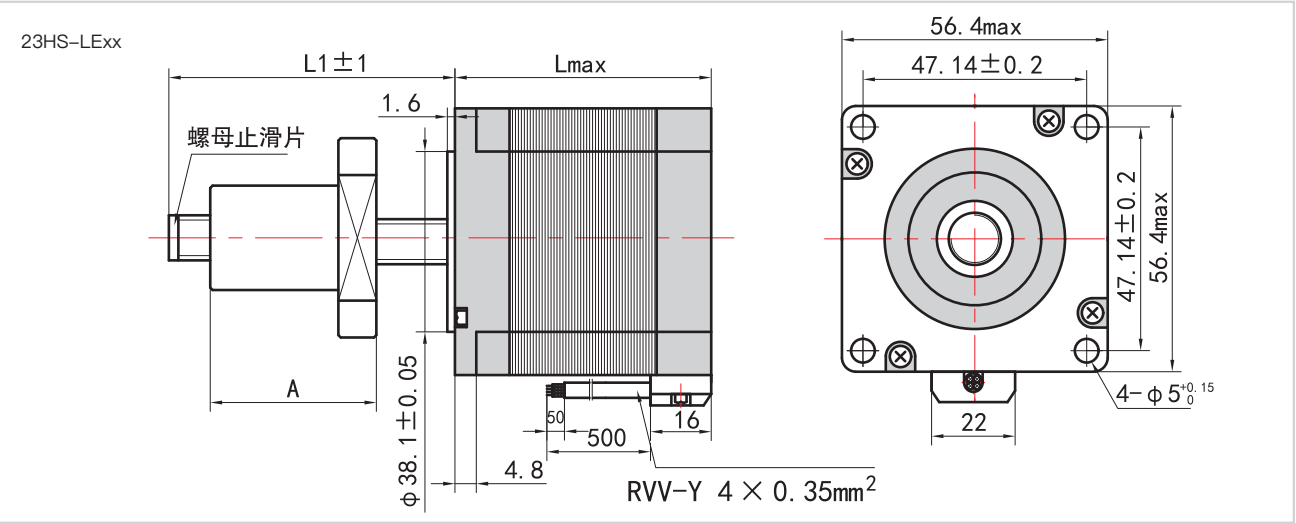
- ZK-ENC-500 Encoder Cable 0.5m
- Encoder 高精度编码器
- Motor Controllers / Drives 电机驱动控制器
- 编码器/控制器 规格多样，具体信息请与我们联系。 Multiple encoders/Drives supported, please contact us.

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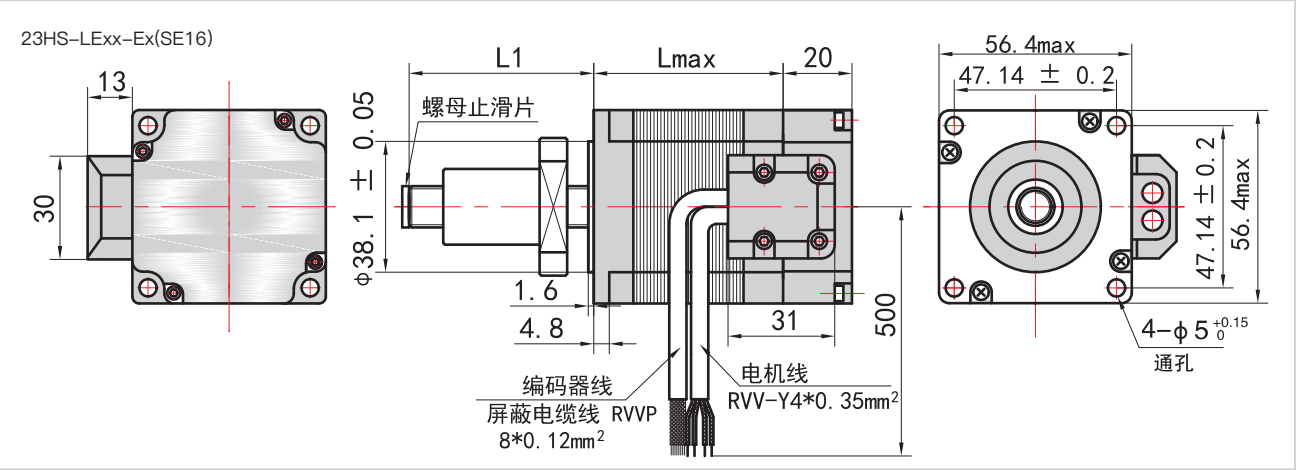
DIMENSIONS (IN MM)

*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

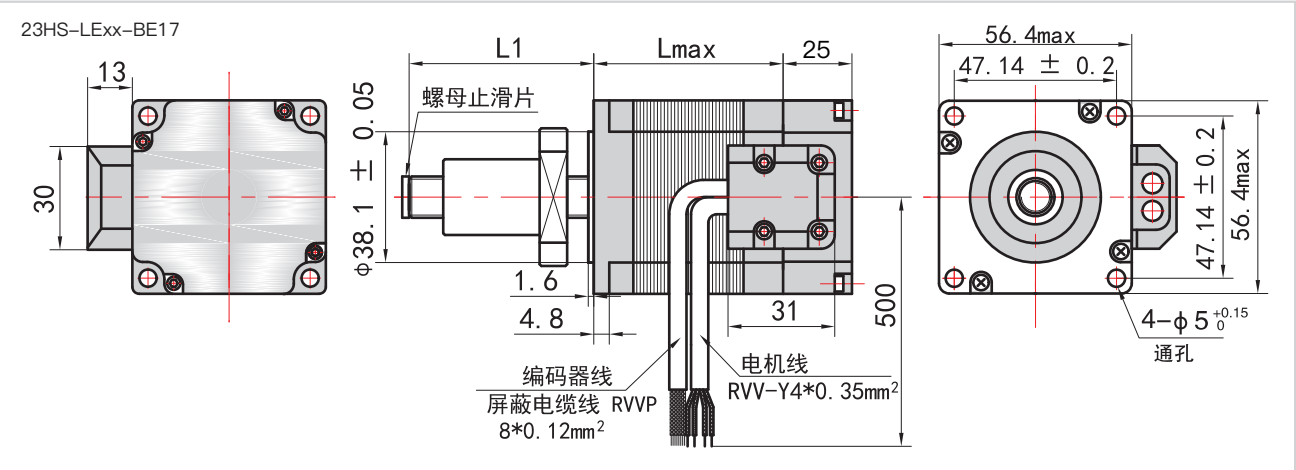


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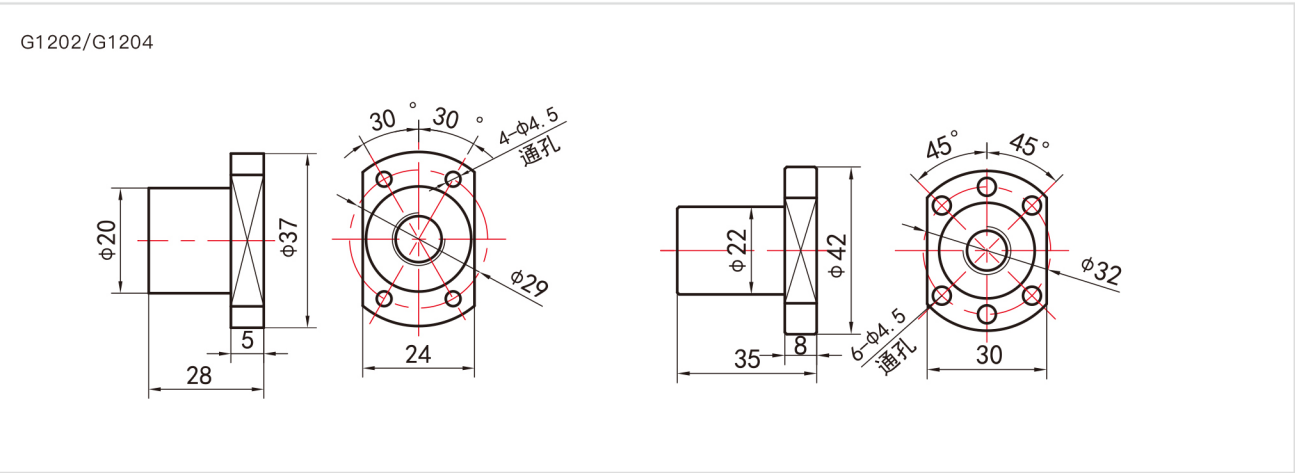
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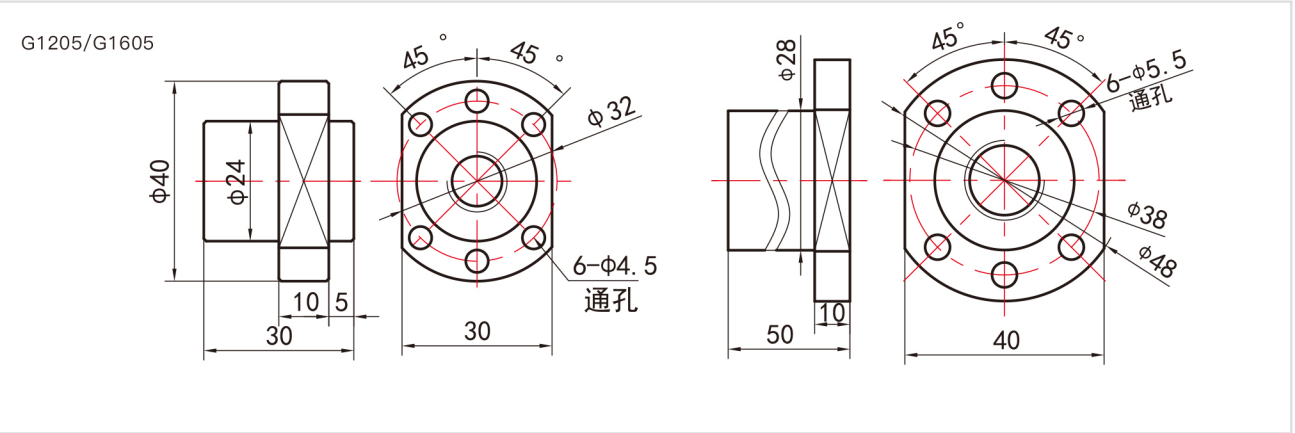
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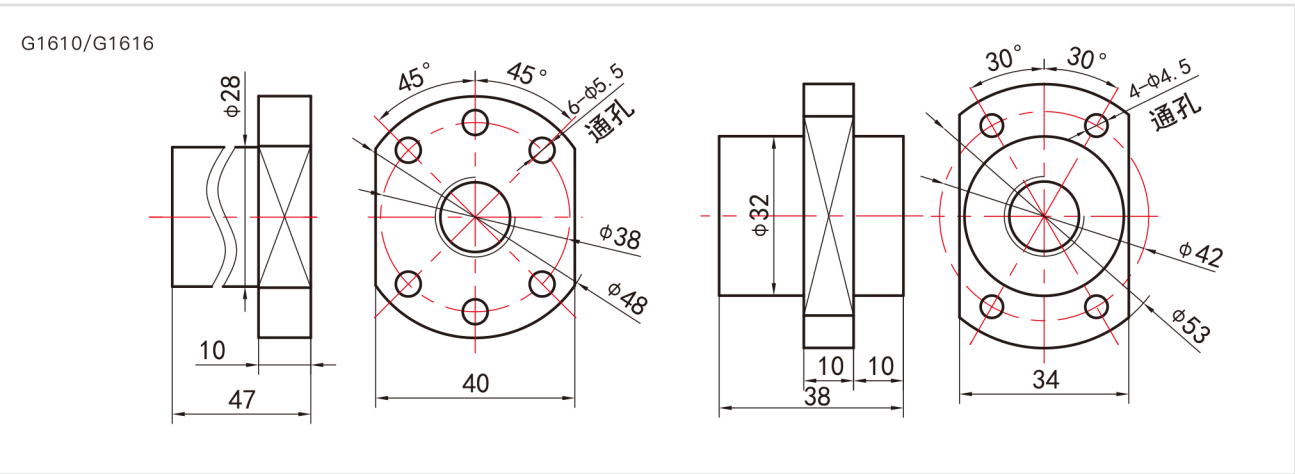
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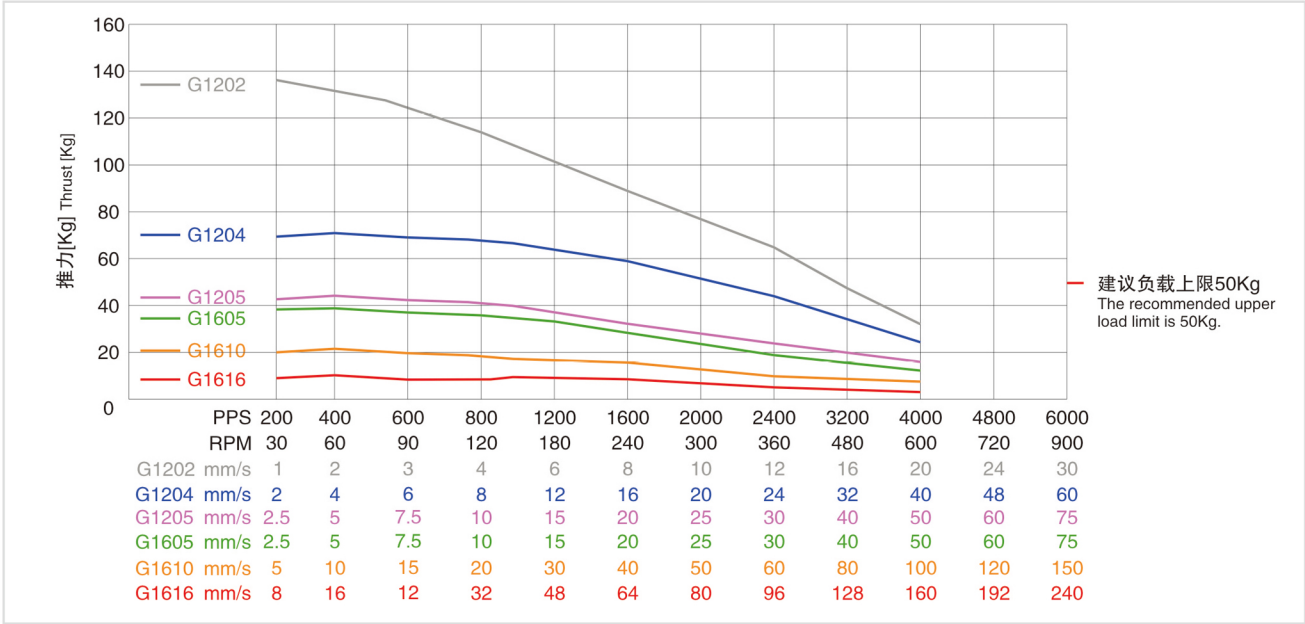
DIMENSIONS (IN MM)



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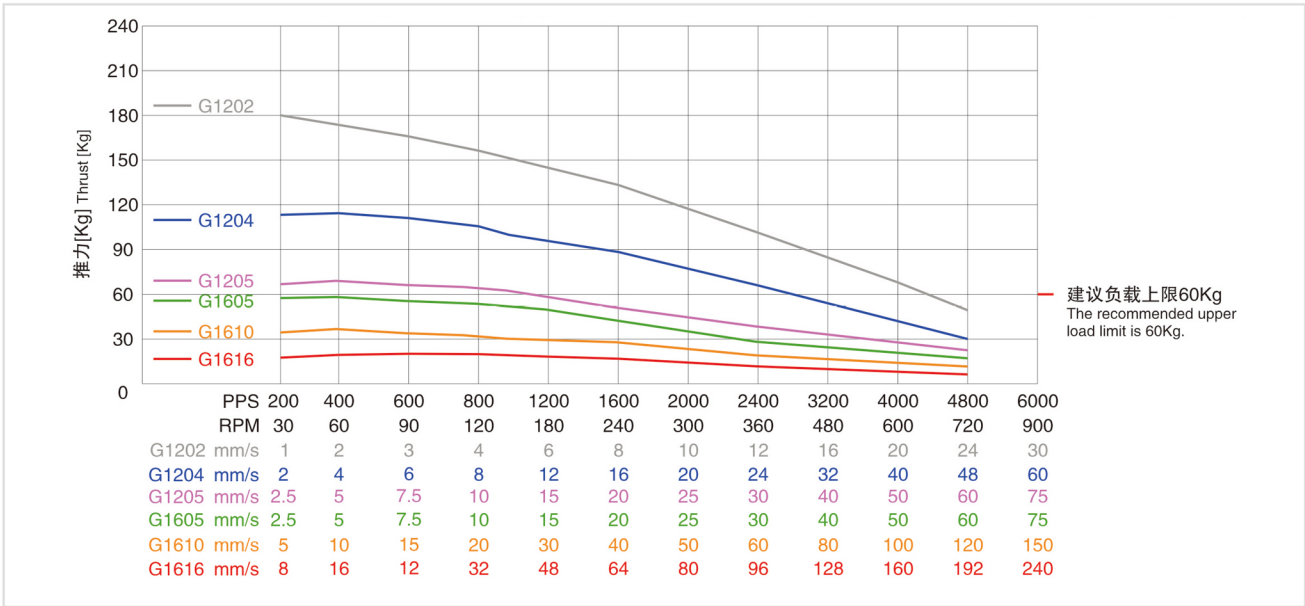
External Linear Actuator With Ball Screw – NEMA 23

Force-Velocity Curve-23HS45



* 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%

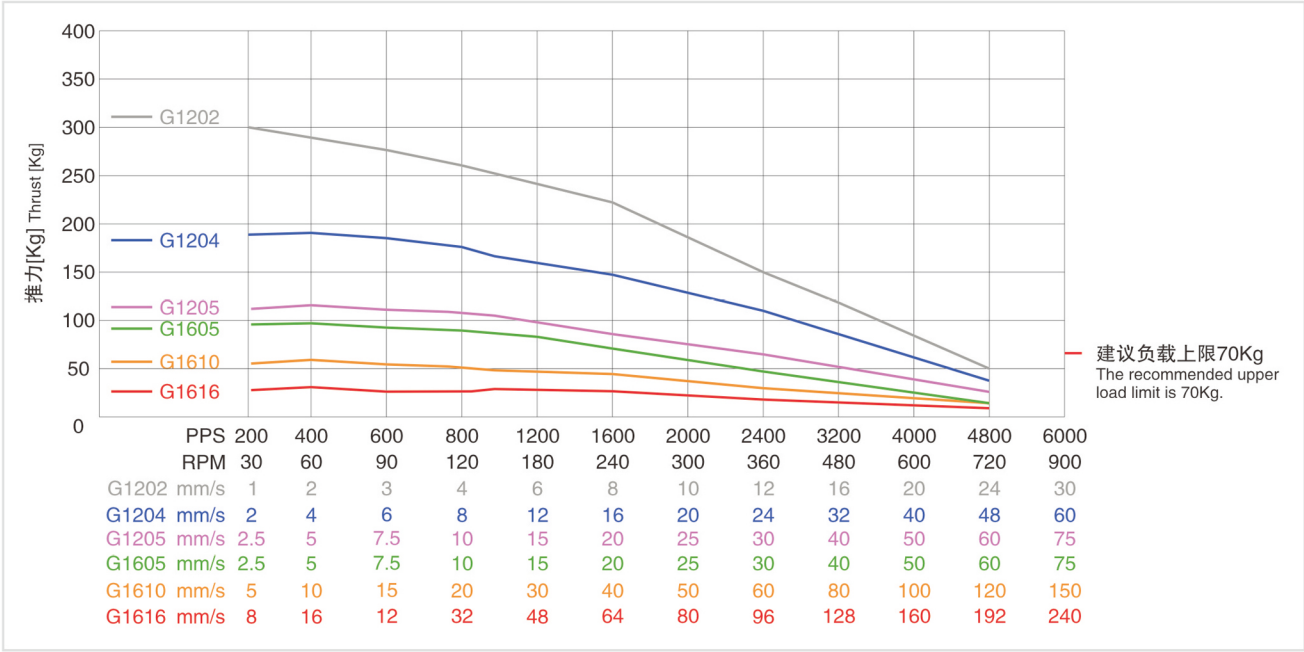
Force-Velocity Curve-23HS56



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External Linear Actuator With Ball Screw – NEMA 23

Force–Velocity Curve–23HS76



* 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%