

42系列行星减速步进电机-17HSG

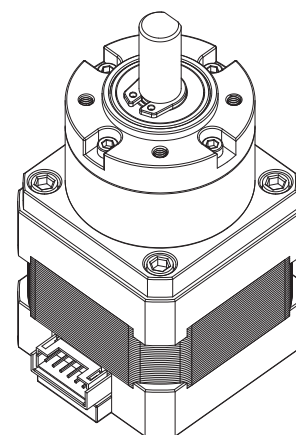
Stepper With Gearbox Motors – NEMA 17

高性能的步进电机，尺寸为 NEMA 17 (42 mm)，步距角1.8度，提供多种机身长度和不同的绕组。加装微型编码器可实现高精度闭环，齿轮箱和刹车亦可以提供。

A high-performance stepping motor with a size of NEMA 17 (42 mm), a step angle of 1.8 degrees, and a variety of body lengths and different windings. The installation of micro-encoder can realize high-precision closed loop, gear box and brake can also be provided.

◎ Feature

- Micro stepper motor 微型步进电机
- 42mm size 42系列法兰
- Encoder/Gearbox/Brake optional 可配套编码器/减速箱/齿轮箱
- Different lengths available 提供不同长度
- Motor Controllers / Drives available 电机控制器/驱动器可用



◎ VERSIONS

系列代码 Series models	17HS22	17HS34	17HS40	17HS48	17HS60
相电流 Current per Winding A	0.8	1.5	1.67	1.67	1.67
静力矩 Holding Torque mN.m	120	260	400	450	650
相电阻 Resistance per Winding Ohm	3.3	1.56	1.9	2.0	2.7
相电感 Inductance per Winding mH	3.0	2.4	4.5	3.85	6.5
转子惯量 Rotor Inertia gcm ²	15	38	57	82	102
电机重量 Weight kg	0.14	0.2	0.24	0.34	0.50
电机高度 Length "L" mm	22	34	40	48	60
电机法兰 Motor flange mm	42	42	42	42	42
反馈装置 Feedback	Encoder(Closed-loop version) 500/1000/2000/4000 CPR Optional				

订货代号 ORDER IDENTIFIER

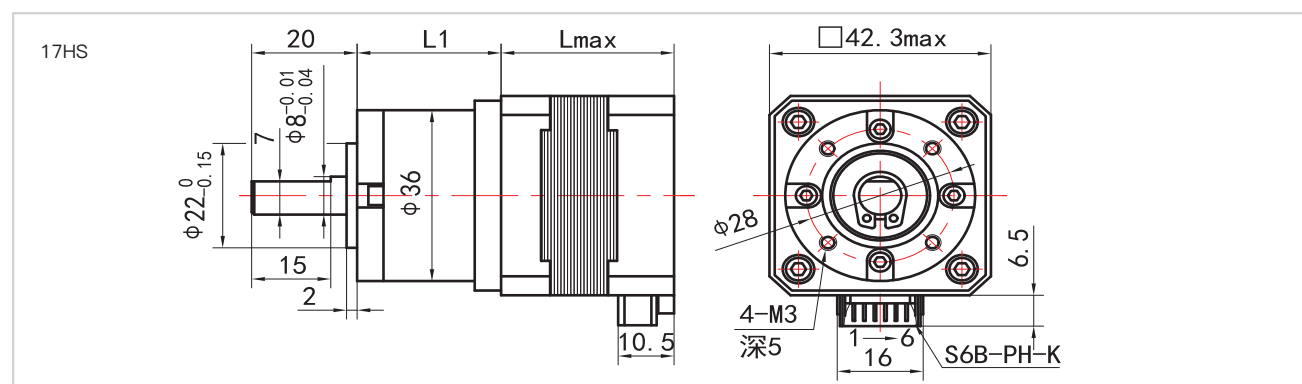
17HS48-E2000-R5

17HS48=Motor body code
电机代号
E2000=Encoder 2000/Resolution
E2000=编码器 2000刻度
R=圆出轴
D=扁出轴

可选减速箱 Gearbox optional

减速比	3 ¹² / ₁₇	5 ² / ₁₁	13 ²¹² / ₂₈₉	19 ³⁸ / ₁₈₇	26 ¹⁰³ / ₁₂₁	50 ⁴⁹⁷ / ₄₉₁₃	71 ² / ₂₅	99 ¹⁰⁴⁴ / ₂₀₅₇	139 ¹⁸⁴ / ₁₇₂₁
减速级数	1	2	3						
L1 箱体长度	27.2mm	35mm	42.7mm						
最大允许转矩	2N.m	3N.m	4N.m						
回程间隙	≤2°	≤2°	≤2°						
传动效率	90%	80%	70%						

DIMENSIONS (IN MM)



57系列行星减速步进电机-23HSG

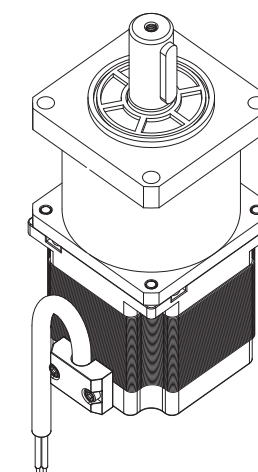
Stepper With Gearbox Motors – NEMA 23

高性能步进电机，尺寸为 NEMA 23 (57 mm)，提供多种长度和不同的绕组，电机尾部可选装编码器。

Flexible compact stepper motor, size NEMA 23 (57 mm), provides a variety of lengths and different windings, motor optional encoder.

◎ Feature

- Stepper motor 两相步进电机
- 57mm small size 57系列法兰
- Encoder optional 可配套编码器
- 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
- Motor Controllers / Drives available 电机控制器/驱动器



◎ VERSIONS

系列代码 Series models	23HS45	23HS54	23HS56	23HS76	23HS82	23HS100
相电流 Current per Winding A	2	3	3	4	4	4.5
静力矩 Holding Torque N.m	0.7	1.2	1.3	1.6	2.1	2.5
相电阻 Resistance per Winding Ohm	1.63	0.7	1.1	0.5	0.55	0.8
相电感 Inductance per Winding mH	5.8	2.5	3.2	1.25	2.3	3
转子惯量 Rotor Inertia gcm ²	155	260	280	460	520	660
电机重量 Weight kg	0.5	0.6	0.62	1	1.2	1.5
电机高度 Length "L" mm	45	54	56	76	82	100
电机法兰 Motor flange mm	57	57	57	57	57	57
反馈装置 Feedback	Encoder(Closed-loop version) 500/1000/2000/4000 CPR Optional					

订货代号 ORDER IDENTIFIER

23HS45-E2000-R5

23HS45=Motor body code
电机代号
E2000=Encoder 2000/Resolution
E2000=编码器 2000刻度
R=圆出轴
D=扁出轴

可选减速箱 Gearbox optional

减速比	3	4	6	7	9	10	15	16	20	25	36	40	50	63	70	90	100	
减速级数	1						2											
L1 箱体长度 mm	53						70.5											
最大允许转矩 Arcmin	30	24	25	25	20	20	30	30	24	30	25	25	25	25	20	20	20	
回程间隙	<15						<25											
传动效率	95%						90%											

DIMENSIONS (IN MM)

