

NEMA11 Hybrid Stepper Motor (1.8°) MR28HY Series



Technical Parameter

Subject	Specification	Subject	Specification
Phase	2	Axial Load	15N(3.4 Lbs.) Thrust 25N(5.6 Lbs.) Tension
Step/Circle	200		
Step Angle	1.8°	Radial Load	30N(6.5 Lbs) point of action in the middle of D type shaft
Step Angle Accuracy	±5%	Operating Temperature	-20°C-50°C
IP Level	IP40	Insulation Grade	B class. 130°C(F class available)
Certificate	CE Rohs	Insulation Resistance	100 MegOhms

Technical Specification

型号 Model	相数 Number of phase	电流 Current	电阻 Resistance	电感 Inductance	保持转矩 Holding Torque	转动惯量 Rotor Inertia	定位力矩 Detent Torque	重量 Weight	机身长度 Length (L)
		A	Ω	mH	Kg. cm	g. cm ²	g. cm	Kg	mm
MR28HY32-4050	2	0.5	10.5	7.6	0.6	9	50	0.1	32
MR28HY32-4100	2	1	2.7	2.5	0.6				
MR28HY32-6050	4	0.7	5.5	2.4	0.5				
MR28HY41-4065	2	0.65	6.8	6	0.9	12	60	0.15	41
MR28HY41-6095	4	0.95	3.4	1.6	0.65				
MR28HY51-4050	2	0.5	12	12	1.2	18	80	0.2	51
MR28HY51-4100	2	1	3.6	3.5	1.2				
MR28HY51-6100	4	1	2.6	1.9	0.7				

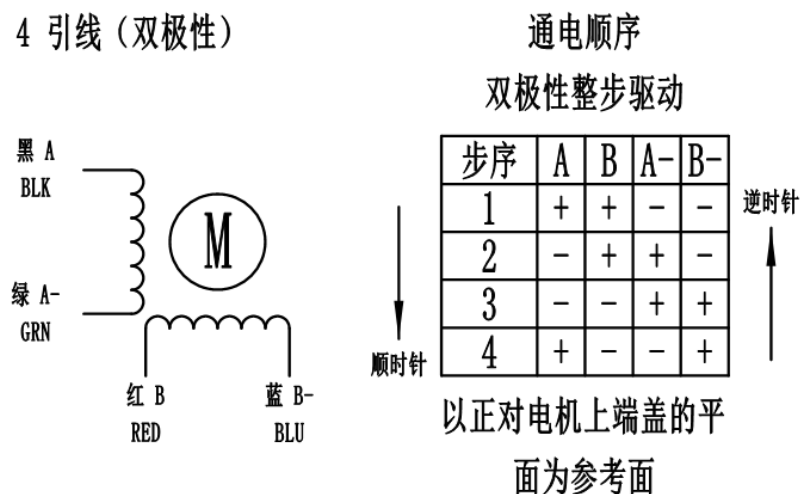
注：以上数据仅供参考，具体参数可根据要求定制。

Note: the above data are for reference only, and the specific parameters can be customized according to requirements.

Wires Instruction

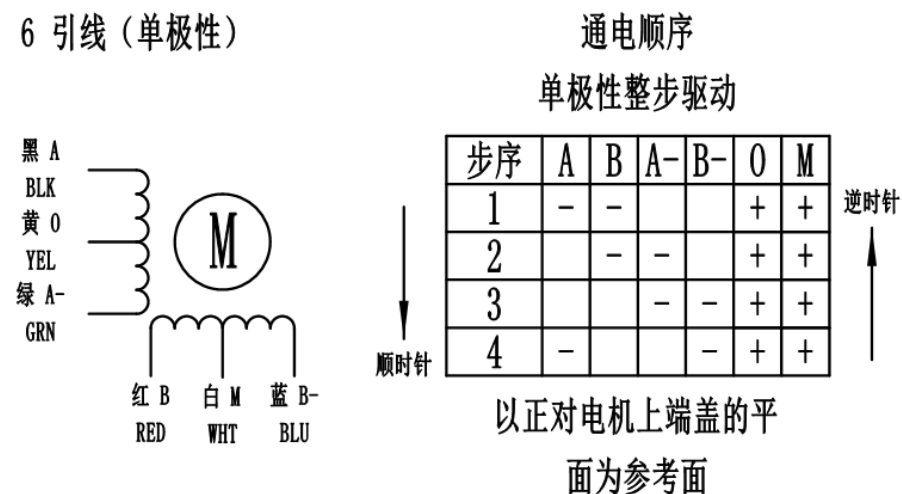
2相电机

4 引线 (双极性)



4 Wires (Bipolar)

6 引线 (单极性)



6 Wires (Unipolar)

Customized Service

- 1, The shaft can be customized based on customer's requirement of device connecting.
- 2, The coil winding and height of the motor can be customized based on customer's requirement about the torque, speed and others.
- 3, The wires can be customized, which includes lead, terminal of lead tape, socket and others.





