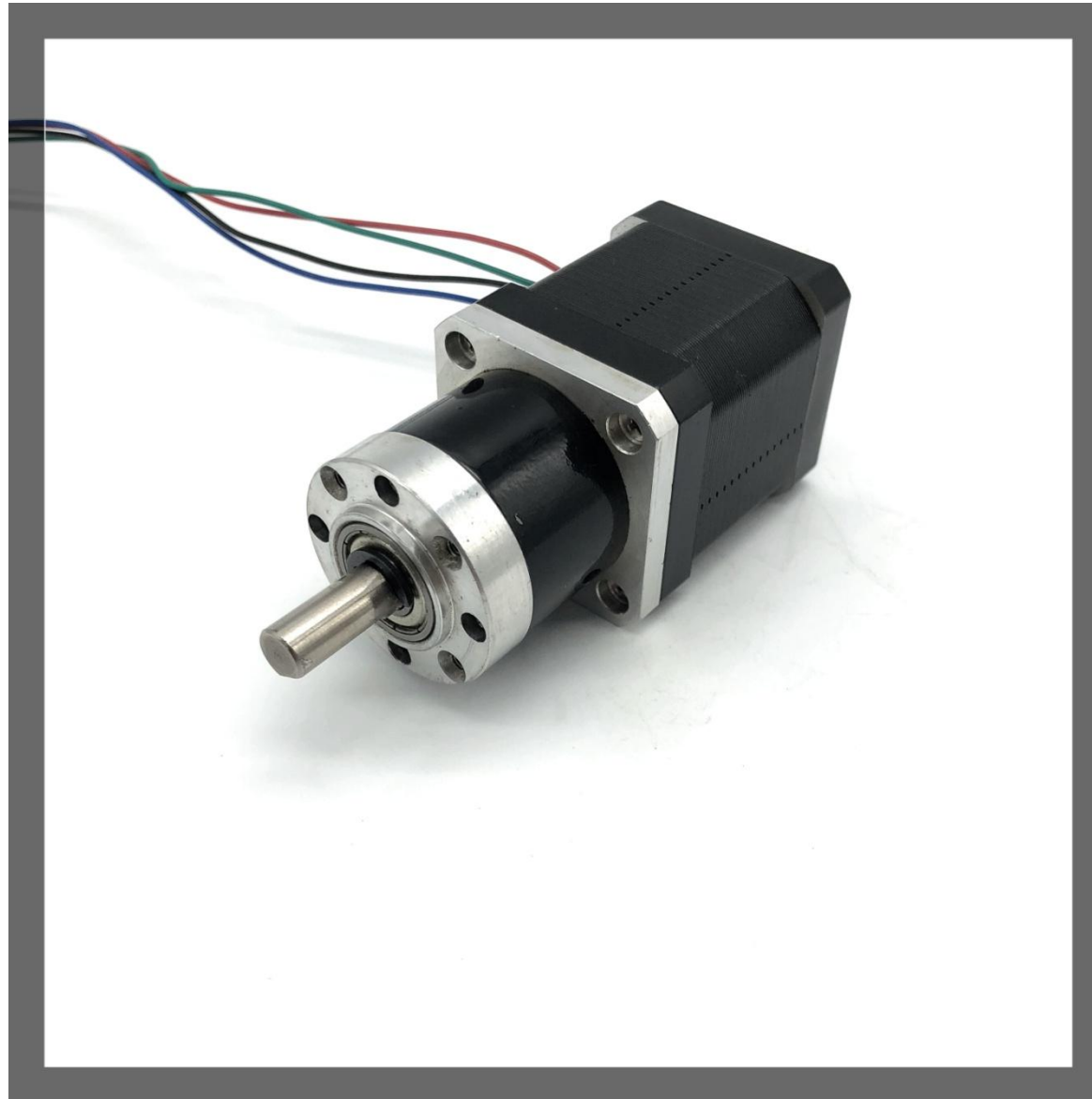


NEMA17 Hybrid Stepper Motor (1.8°) With 36mm General Precision Planetary Reducer



Technical Parameter of the 36mm Planetary Reducer

项目 Ltem		1级 (Level 1)	2级 (Level 2)	3级 (Level 3)
减速比The Gear Ratio	i	3.71、5.18	14、19、27	51、71、100、139
长度Length (L2)	mm	31	38.5	48.2
额定负载Edingfuzai	Nm	1.8	3	4.8
最大负载The Maximum Load	Nm	5.3	8.9	14
额定转速Rated Speed	rpm	3000	3000	3000
最大转速Maximum Speed	rpm	5000	5000	5000
效率Efficiency	%	90	81	73
回差Return Difference	arcmin	≤60	≤75	≤90
噪音Noise	dB	≤45	≤45	≤45
寿命Life	h	8000	8000	8000
重量Weight	g	200	250	300

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
MR42HS34-4040	2	0.4	30	37	2.5	38	120	0.2	34
MR42HS34-4080	2	0.8	7.5	11	2.2				
MR42HS34-4100	2	1	3.2	5	2.8				
MR42HS34-4150	2	1.5	1.1	1.6	2.0				
MR42HS40-4050	2	0.5	25	50	4.0	58	180	0.25	40
MR42HS40-4085	2	0.85	6.6	11	3.6				
MR42HS40-4100	2	1	5	11.2	4.0				
MR42HS40-4150	2	1.5	1.6	2.8	4.0				
MR42HS48-4040	2	0.4	30	45	5.2	82	240	0.35	48
MR42HS48-4085	2	0.85	6.6	11	5.2				
MR42HS48-4100	2	1	7.3	12	5.2				
MR42HS48-4150	2	1.5	2	3.85	5.2				

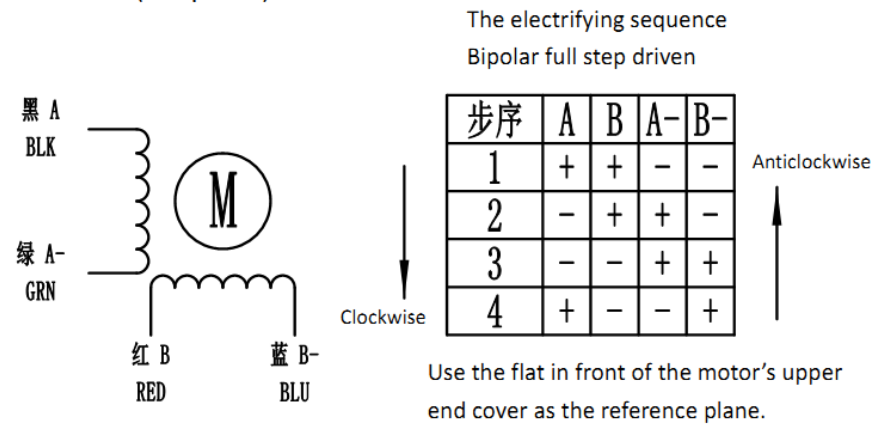
注：以上数据仅供参考，具体参数可根据要求定制。

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

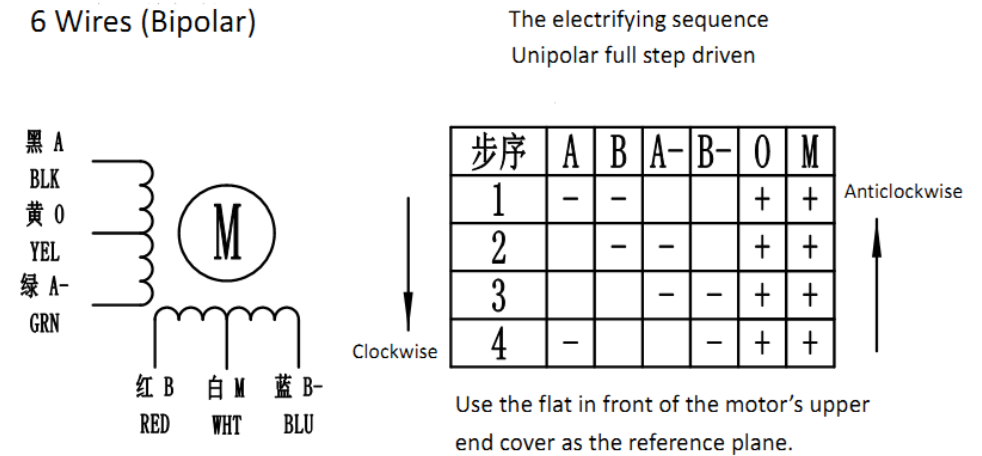
Wires Instruction

2 Phase Stepper Motor

4 Wires (Unipolar)



6 Wires (Bipolar)



4 Wires (Bipolar)

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

