

Product Parameter

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Model: 17HS2408S-D

Step Angle: 1.8deg

Motor Length: 28mm

Rated Current: 0.6A

Phase Resistance: 80hm

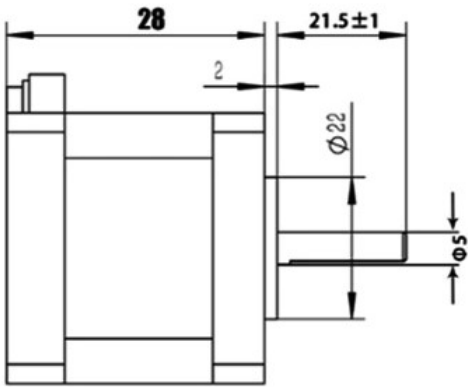
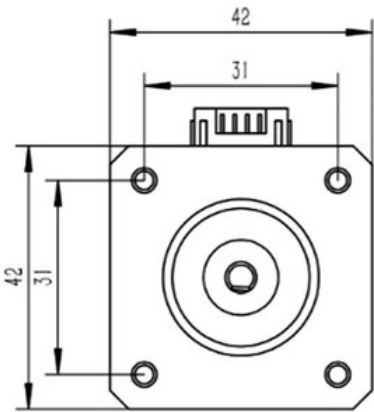
Phase Inductance: 10mH

Detent Torque: 12N.cm

Rotor Inertia: 1.6N.cm

Lead Wire: 34g.cm2

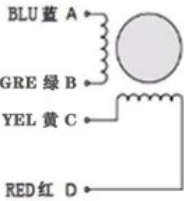
Motor Weight: 150g



42步进电机参数
NEMA17 Stepper motor parameters

型 号 Model	步角距	电机长度	相电流	相电阻	相电感	保持转矩	制动力矩	转子惯量	引线数	重量
	Step Angle (deg)	Motor Length (mm)	Rated Current (A)	Phase Resistance (Ohm)	Phase Inductance (mH)	Holding Torque (N.cm)	Detent Torque (N.cm)	Rotor Inertia (g.cm ²)	Lead Wire (No)	Motor Weight (g)
17HS2408	1.8	28	0.6	8	10	12	1.6	34	4	150
17HS3401	1.8	34	1.3	2.4	2.8	28	1.6	34	4	220
17HS3430	1.8	34	0.4	30	35	28	1.6	34	4	220
17HS4401	1.8	40	1.7	1.5	2.8	40	2.2	54	4	280
17HS8401	1.8	48	1.8	1.8	3.2	52	2.6	68	4	400
17HS8402	1.8	48	1.3	3.2	5.5	52	2.6	68	4	400
17HS6401	1.8	60	1.7	1.5	2.8	70	3.2	72	4	450

Wiring diagram



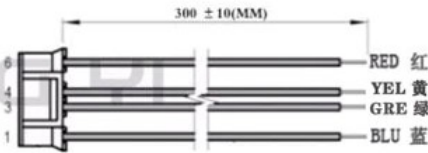
Wiring sequence

步序	A	B	C	D
1	+	+	-	-
2	-	+	+	-
3	-	-	+	+
4	+	-	-	+

Clockwise
Counter-clockwise

Take the plane facing the motor cover as a reference

Default wiring



Yel A + blue A - Green B + Red B -
if the line color is different, the line sequence remains the same