

E Series Nema 17 Stepper Motor Bipolar 1.8deg 17Ncm(24.07oz.in) 1A 42x42x20mm 4 Wires

Electrical Specification

Manufacturer Part Number: [17HE08-1004S](#)

Motor Type: Bipolar Stepper

Step Angle: 1.8deg

Holding Torque: 17Ncm(24.07oz.in)

Rated Current/phase: 1.0A

Phase Resistance: 3.6ohms

Inductance: 4.0mH \pm 20%(1KHz)

Physical Specification

Frame Size: 42 x 42mm

Body Length: 23mm

Shaft Diameter: Φ 5mm

Shaft Length: 20mm

D-cut Length: 17mm

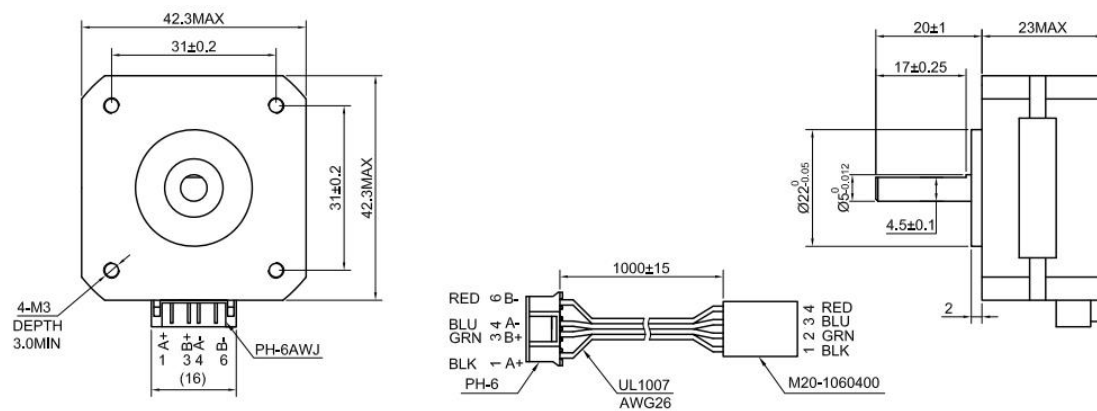
Number of Leads: 4

Lead Length: 1000mm

Connection:

A+	A-	B+	B-
Black	Blue	Green	Red

Size Chart:



TYPE OF CONNECTION (EXTERN)		MOTOR	
PIN NO	BIPOLAR	LEADS	WINDING
1	A+ —	BLK	
3	A- —	BLU	
2	B+ —	GRN	
4	B- —	RED	

FULL STEP 2 PHASE-Ex. ,
WHEN FACING MOUNTING END (X)

STEP	A+	B+	A-	B-		
1	+	+	-	-	↓	CCW ↑
2	-	+	+	-		
3	-	-	+	+	↑	CW
4	+	-	-	+		

