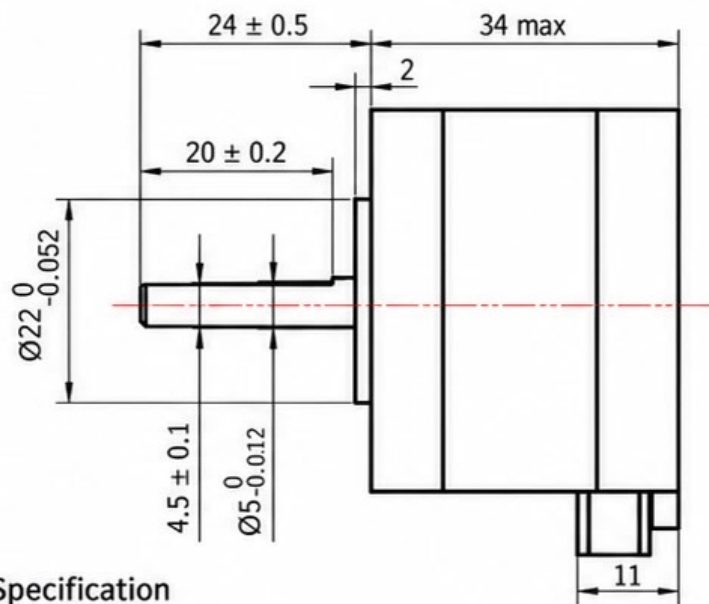


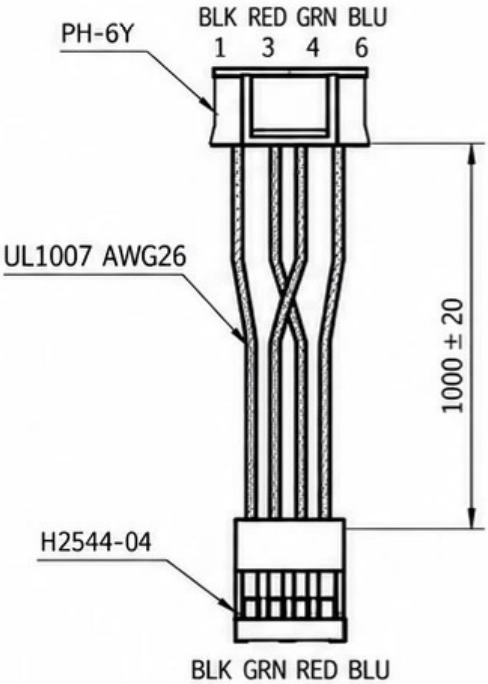
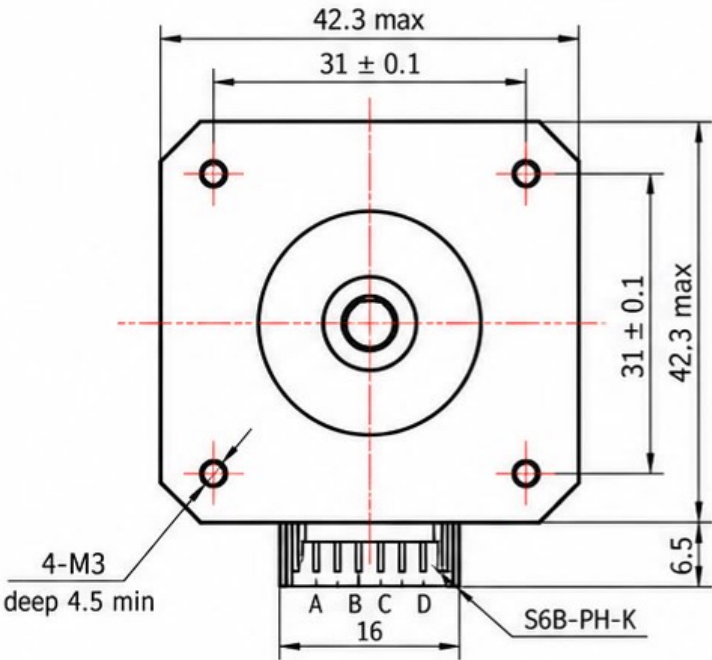


Electrical Specification

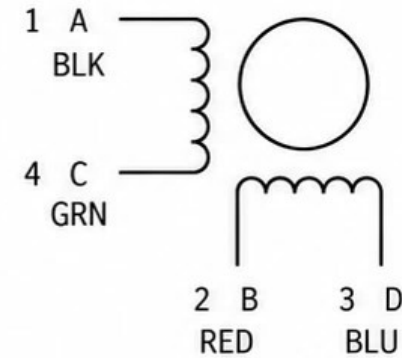
1. Step angle	1.8° ± 5%
2. Number of phase	2
3. Rated voltage	2.8 V DC
4. Rated current/phase	1.33 A
5. Holding torque	320 mN·m (0.32 N·m)
6. Detent torque	12 mN·m
7. Phase resistance	2.1 Ω ± 10% (at 20°C)
8. Phase inductance	4.5 mH ± 20%
9. Rotor inertia	38 g·cm ²
10. Motor weight	0.2 kg
11. Insulation resistance	100 MΩ min. (500 V DC)
12. Insulation class	Class B

Physical Specification

Frame size	42.3 × 42.3 mm max
Body length	34 mm max
Shaft diameter	Φ5 mm (0/-0.012 mm)
Shaft length	24 ± 0.5 mm
D-cut length	20 ± 0.2 mm
D-cut height	4.5 ± 0.1 mm
Front flange diameter	Φ22 mm (0/-0.052 mm)
Lead length	1000 ± 20 mm
Lead wire	UL1007 AWG26
Connector (motor side)	S6B-PH-K (4 pins, pitch 2.0 mm)
Connector (cable side)	PH-6Y / H2544-04
Weight	0.2 kg
Mounting holes	4-M3 (4.5 mm min. depth)
Mounting hole spacing	31 ± 0.1 mm



Wiring diagram



Excitation sequence and direction of rotation

STEP	A	B	C	D	
1	+	+	-	-	View from the mounting surface, it is clockwise
2	-	+	+	-	
3	-	-	+	+	
4	+	-	-	+	



HYBRID STEPPING MOTOR	
Model: OK42STH34-1504AC	
SCALE: 1:1	SHEET 1 OF 1