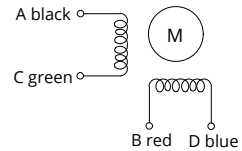


#hybrid stepper motor ACC01STM41666



Wiring Diagram

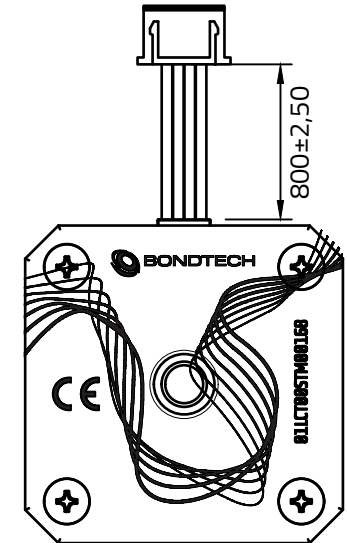
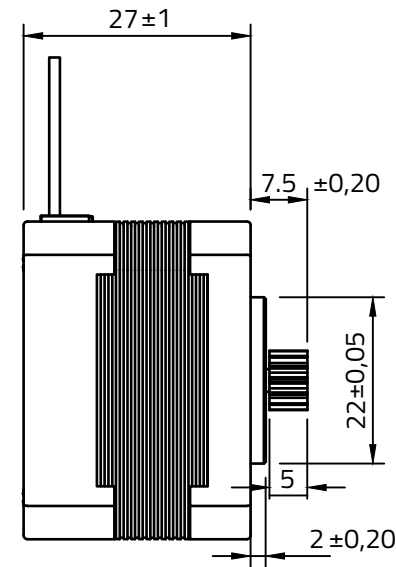
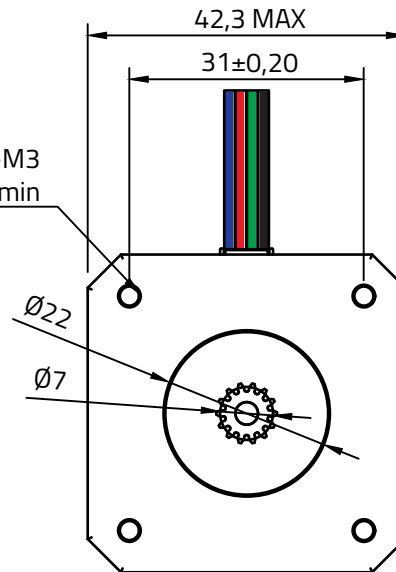


Exciting Sequence vs.
Direction of Rotation

STEP	A	B	C	D	
1	+	+	-	-	CCW ↑
2	-	+	+	-	
3	-	-	+	+	
4	+	-	-	+	

Clockwise view from mounting side

4-M3
Depth 3.5 min



Specifications

Step Angle	1.8°±5%
Number Of Phase	2
Rated Voltage	4.3 V
Rated Current/Phase	1.5 A (Peak Value)
Holding Torque	3 kg-cm Min.(1)
Detent Torque	153 g-cm (Ref.)
Phase Resistance	2.85 Ω±10%(20°)
Phase Inductance	3.8 mH±20%(1kHz 1V RMS)
Dielectric Strength	100Mohm(DC 500V)
Rotor Inertia	30 g-cm2
Weight	190g
Insulation Class	Class H 180°C 75K Max

Comments

Gear Specifications

Module	0.5
No. Of Tooth	14
Pressure angle	20°
Pitch Diameter	Ø 7
Gear Tip	Ø 8
Base Tangent Length	2.263 - 0.01 -0.05
Number Of Teeth Spanned	2
Precision grade	GB/T10095-1-2001 8
Material	40Cr+Quench HRC36-42
Wire termination	XH2.54-4P or equivalent

NAME	Nema17 27mm Stepper Motor 14T HT
TYPE	Hybrid Stepper Motor
Retail SKU	ACC01STM41666
Production SKU	01LCT00STM00168