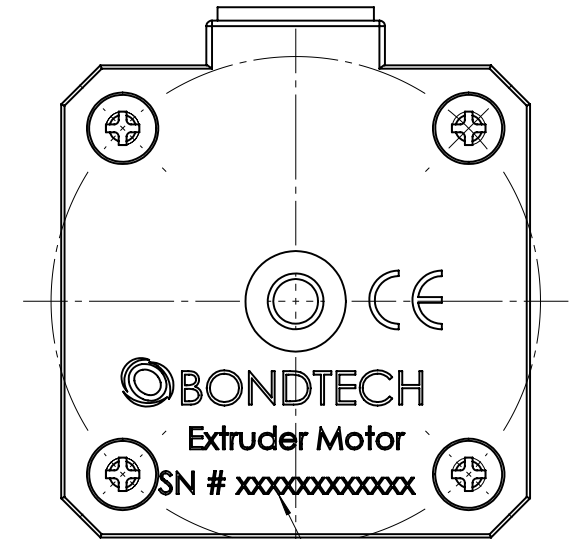
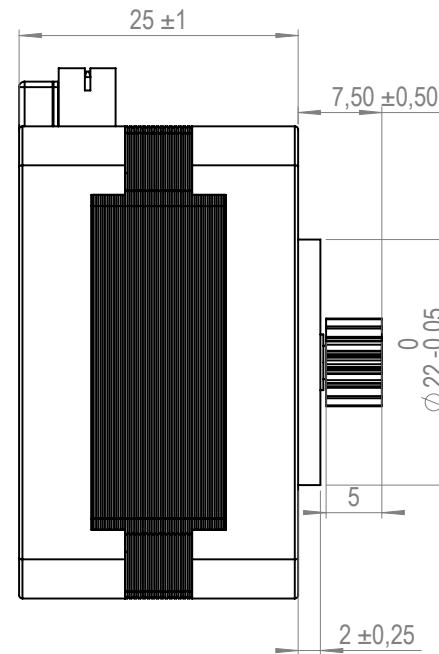
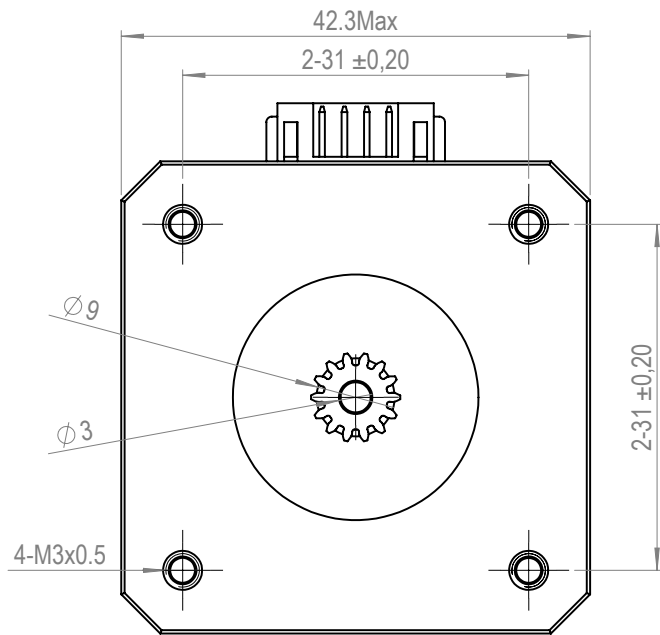


#stepper motor 42H025H-0704A-005



Label by laser engraving

SPECIFICATIONS

Step Angle	1.8°±5%
Number of Phase	2
Rated Voltage	3.1 V
Rated Current/Phase	0.7 A (Peak Value)
Holding Torque	1.6 kg-cm Min. (1)
Detent Torque	- g-cm (Ref.)
Phase Resistance	4.4 Ω±10%(20°)
Phase Inductance	5.5 mH±20%(1kHz 1V RMS)
Dielectric Strength	AC 500V/ 1min / 5mA Max.
Rotor Inertia	26 g-cm ²
Weight	150 g
Insulation Class	H (180°) ; 75K Max.

COMMENTS

Holding torque testing: two phase on/rated current;
 Ambient temperatures: -20° ~ +100°
 Dynamic axial load: 10N Max.;
 Dynamic radial load: 21N Max.@20mm
 Shaft length 20mm;
 Reliability: MTBF 6000 MTBF 6000 hours or more.@24V/300RPM;

GEAR SPECIFICATIONS

Module	0.5
No. of tooth	14
Pressure angle	20°
Pitch diameter	Ø 7
Addendum circle diameter	Ø 8
Base tangent length	2.312 ⁰ / _{0.05}
Number of teeth spanned	2
Precision grade	GB/T10095-1-2001 8
Material	40Cr+Quench HRC36-42

STEPPER MOTOR SPECIFICATIONS



NAME Nema17 Pancake Stepper 25mm
 TYPE Stepper Motor
 SKU 13007A