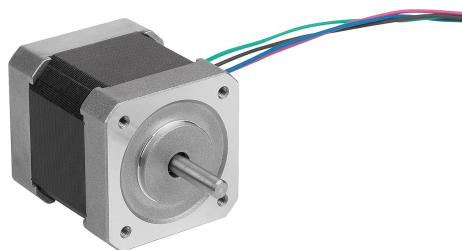
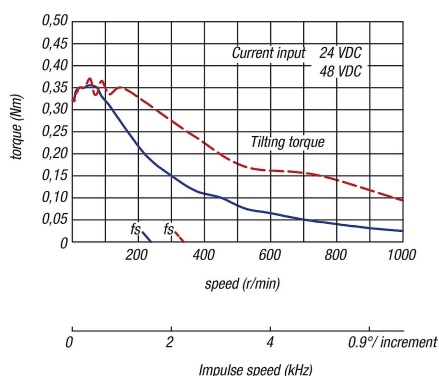


Item description/product images

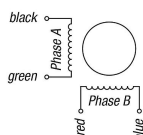


Torque characteristic curve



Connection diagram:

Pin	Colour	Phase
1	black	A
2	green	A1
3	red	B
4	blue	B1



Description

Version:

2-phase high-torque stepper motor in NEMA 17 (42 mm) size and 1.8° increment angle (full increment) with 4-wired connection line.

Note:

The stepper motors deliver a high torque, high level of precision and convenient actuation. They function reliably in diverse ambient conditions. The stepper motors can be connected to conventional motor controllers via 4-wired connection cables.

Technical data:

Increment angle: 1.8°

Increments per rotation: 200

Nominal current/phase: 1.7 A

Nominal voltage: 5.6 V DC

Retaining torque: 0.4 Nm

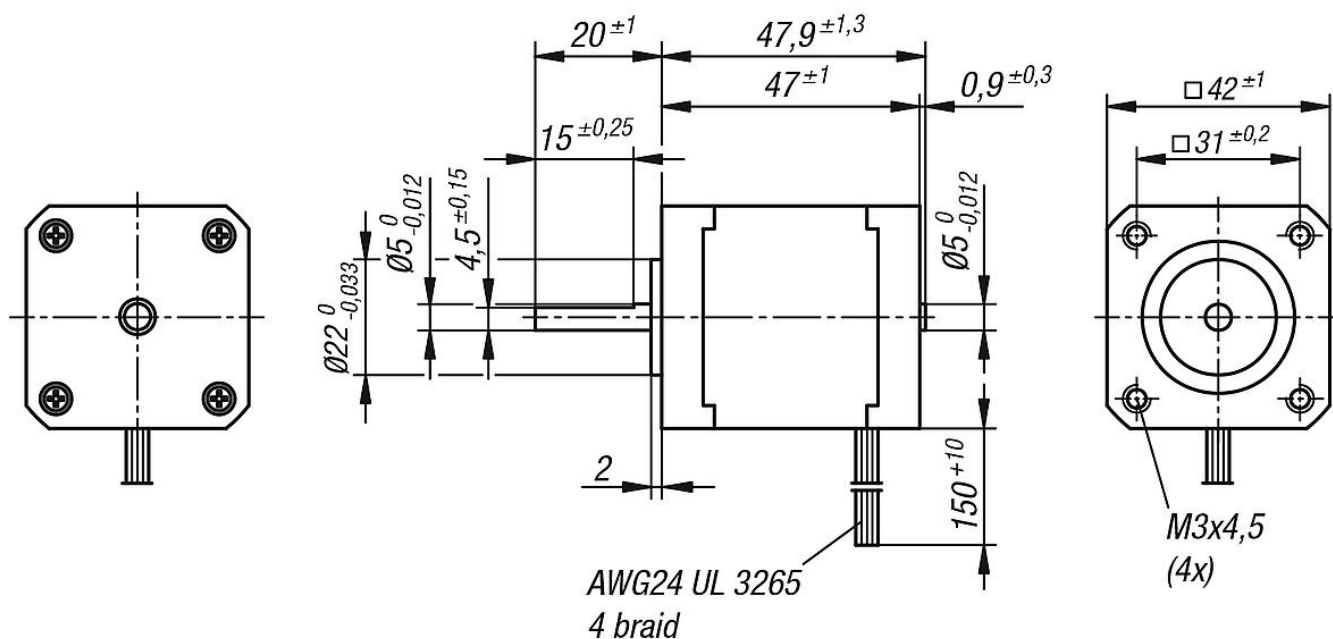
Rotor moment of inertia: 0.068 kgcm²

Resistance/phase: 1.65 Ohm ±15%

Inductivity/phase: 2.8 mH ±20%

Application temperature: -10 °C to +50 °C

Drawings



Overview of items

Order No.	Item
25000-170043	stepper motor
25000-230180	stepper motor
25000-340820	stepper motor