

Model NEMA14-SS-220-NC-00609-95-ABN-09DEG

Size: NEMA14 = Flange NEMA14 (35x35mm)

Stack: SS = Single Stack Stator

Voltage: 220 = Winding: 2.2 VDC / 1.5 A ;

Full Winding Data 1,5 Ohm; 1,6 mH; Winding Code 14-2035-4-150  
(Recommended power supply for high speed applications 18 VDC )

Version: NC = Non-Captive - Body Length 34 mm

Lead: 00609 = Screw Lead: 0.609 mm/rot

Linear Travel 3.045 µm/Step [0.003045 mm/Step] on motor with standard 1.8 Degree Step Angle  
(Travel 1.5225 µm/Step with 0.9 Deg ; Price plus 30%)

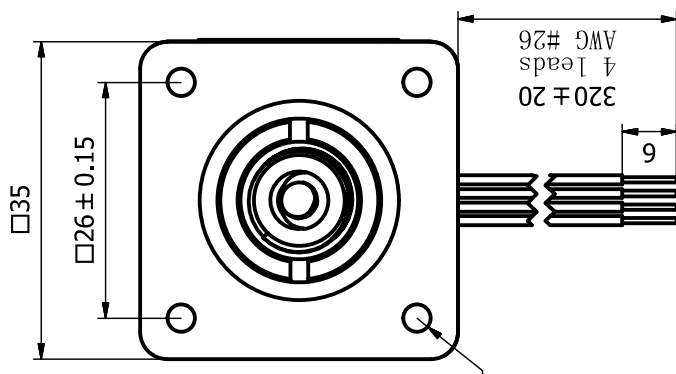
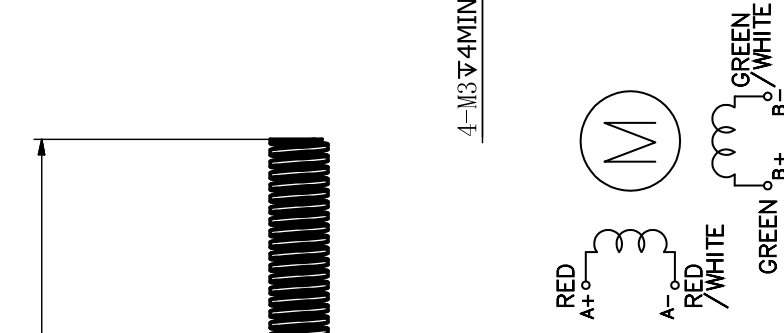
Standard screw accuracy 0,5 micrometer/mm (optionally 0,25µm/mm - consult us)

Screw Length: 95mm

Options: ABN = Antibacklash Nut - Eliminates mechanical play, standard actuator has 0,1mm play

Options: 09DEG = High Resolution Stepper Motor Step Angle 0.9 Degree, 400 pulses per revolution

To maximize output force and life of linear actuator, radial load on lead screw should be avoided or kept at absolute minimum.



Motor's phase	2
Step angle	0.9°
Rated current/phase	1.25 A
Resistance/phase	2.4Ω±10%
Inductance/phase	~mH±20%
Linear travel per step	0.001524mm/step
Lead screw diameter	Ø6.35mm
Lead screw lead	0.609mm
Nut material	POM
Insulation class	B
Insulation resistance	100MΩ(500VDC)
Heat rise	80°C
Motor weight	0.19 kg

**V36199**

Dwg. No.

Version / Modification / Description

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Die don geometrischen Dimensionen und Toleranzen sind in mm angegeben.

Alle Abmessungen in mm / All dimensions in mm

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Version : 1.0

Author : P. UHER

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