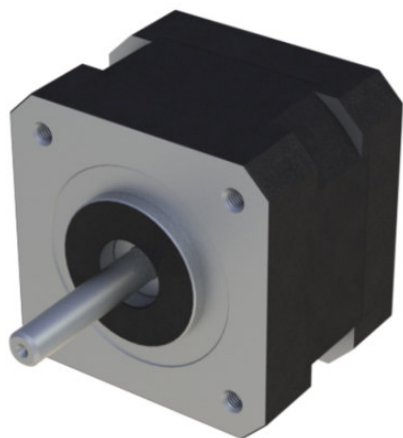


FL42STH33-1334A

STEPPER MOTOR

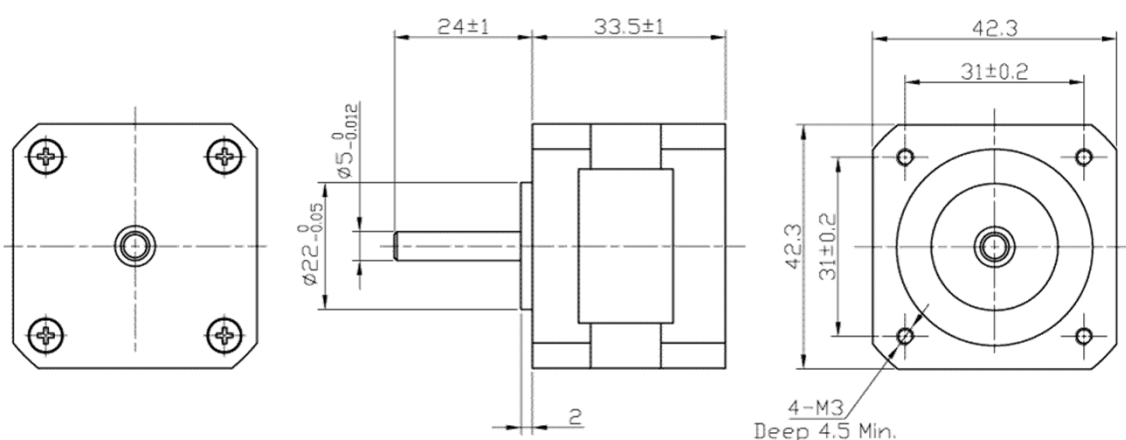


The stepper motors FL42STH33-1334A are extensively utilized in analytical instrumentation. Their optimal rotor and stator toothed zone geometry allows for high-frequency characteristics in stepper drive applications. These stepper motors are known for their substantial holding torque, which is created by permanent magnets and makes them suitable for use as friction clutches. NEMA 17 FL42STH motors find application in a variety of equipment, including micromanipulators, positioners, solution feeders, semi-automatic multivariate controllers, sampling equipment, automatic analyzers, mixing devices, and instruments used for petroleum product analysis.

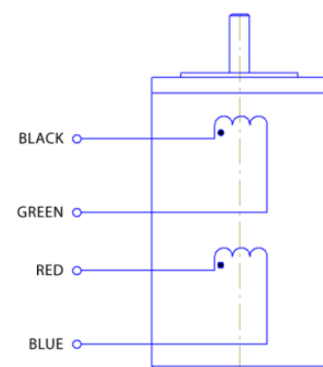
Technical parameters

Holding Torque	Step angle	Step angle accuracy	Phase current	Phase resistance	Phase inductance	Number of phases / leads	Rotor inertia	Weight
2,2 kg*cm	1,8 deg	±5%	1,33 A	2,1 Ohm	2,5 mH	2 / 4	35 g*cm ²	0,22 Kg

Dimensions



Wiring diagram



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