

ORIENTAL MOTOR UNIPOLAR 6-WIRE HIGH RESOLUTION WITH BRAKE PKP SERIES HYBRID STEPPER MOTOR

PKP243MU09M

PKP Series stepper motor, 2-Phase, 42mm frame, 6 leads, electromagnetic brake

- 42mm - 56.4mm Frame Size
- 0.25-1.75Nm Max. Holding Torque
- 0.95-2 A/Phase Rated Current
- Up to 1.7x more torque than other stepper motors.



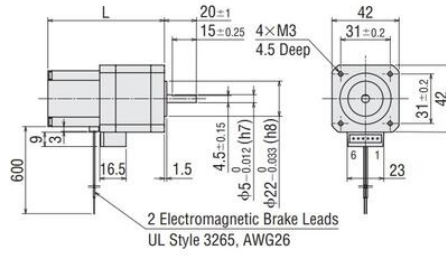
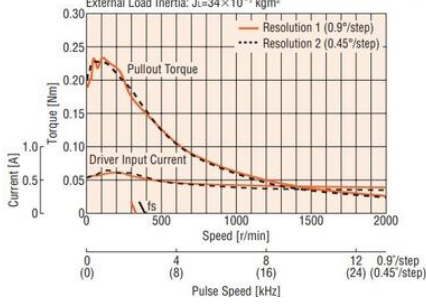
PRODUCT DESCRIPTION

TECHNICAL DATA

Configuration	Electromagnetic Brake
Frame size	42 mm
Inductance	6.6 mH/Phase
Maximum Holding Torque	0.25 Nm
Number of phases	2
Number of Wires	6
Rated Current	0.95 A/Phase
Rotor Inertia	48×10^{-7}
Step angle	0.9 °
Type	High Resolution With Electromagnetic Brake
Weight	0.36 kg
Winding Resistance	4.7 Ω/Phase
Voltage	4.47 V DC

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Driver: **CMD2109P** Power Supply Voltage: 24 VDC Current: 0.95 A/Phase
 External Load Inertia: $J_L=34 \times 10^{-7} \text{ kgm}^2$



2 Electromagnetic Brake Leads
 UL Style 3265, AWG26