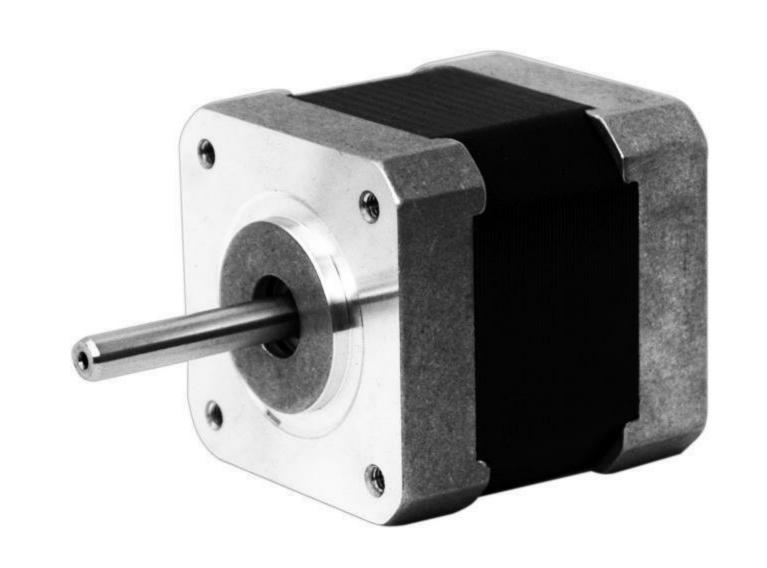
1.8°42MM High Torque Hybrid Stepping Motor

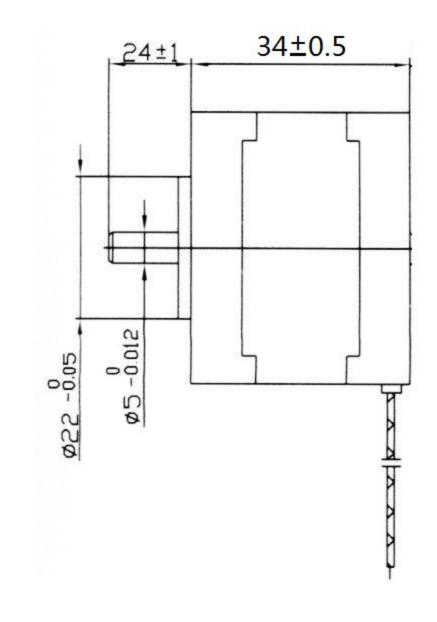
Item	Specifications			
Step Angle	1.8°			
Step Angle Accuracy	±5% (full step, no load)			
Resistance Accuracy	±10%			
Inductance Accuracy	±20%			
Temperatru Rise	80°CMax. (rated current,2 phase on)			
Ambient Temperatuar	-20°C~+50°C			
Insulation Resistance	100M?Min.,500VDC			
Dielectric Strength	500VAC/ for one minute			
Shaft Radial Play	0.02Max. (450 g-load)			
Shaft Axial Play	0.08Max. (450 g-load)			
Max. radial force	28N (20mm foom the flange)			
Max.axial force	10N			

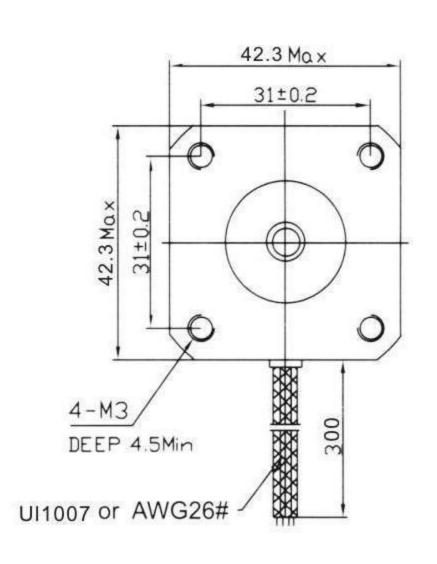


42MM Hybrid Stepping Motor Specifications

Model No	Rated Voltage		Resistance /Phase	Inductance /Phase	Holding Torque	# of Leads	Rotor Inertia	Weinght	Detent Torque	Length
XY42STH34-0354A	V	Α	Ω	mΗ	Kg-cm		g-cm ²	kg	g-cm	mm
	12	0.35	34	33	1.6	4	35	0.22	120	34

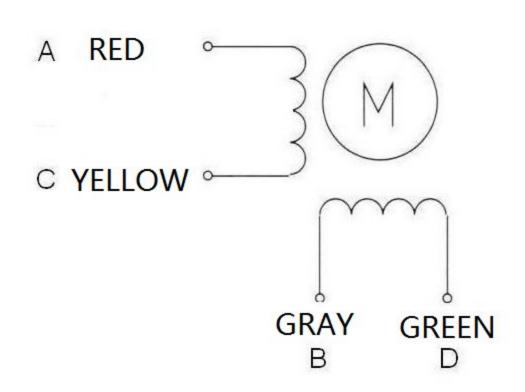
Dimension





Wiring Diagram

4 LEADS



Pull out Torque Curve

