1.8° 42MM High Torque Hybrid Stepping Motor

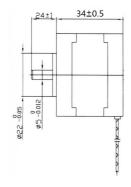
Item	Specifications				
Step Angle	1.8°				
Step Angle Accuracy	±5% (full step, no load)				
Resistance Accuracy	±10%				
Inductance Accuracy	±20%				
Temperatru Rise	80°CMax. (rated current,2 phase on)				
Ambient Temperatuar	-20°C~+50°C				
Insulation Resistance	100M?Min.,500VDC				
Dielectric Strength	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				

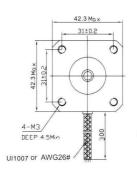


42MM Hybrid Stepping Motor Specifications

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

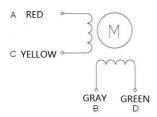
Dimension





Wiring Diagram

4 LEADS



Pull out Torque Curve

