

# 1.8° 42mm High Torque Hybrid Stepper Motor

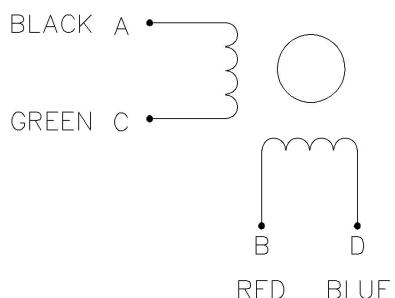
Item	Specifications
Step Angle	1.8°
Step Angle Accuracy	±5%(full step,no load)
Resistance Accuracy	±10%
Inductance Accuracy	±20%
Temperature Rise	80°C max
Ambient Temperature	-20°C ~ +50°C
Insulation Resistance	100 MΩ Min., 500VDC
Dielectric Strength	500VAC for 1 minute
Shaft Radial Play	0.02Max. (450g-load)
Shaft Axial Play	0.08Max. (450g-load)
Max. radial force	28N (20mm from the flange)
Max. axial force	10N



## 42mm Hybrid Stepper Motor Specifications:

Model No.	Rated Voltage	Current /Phase	Resistance /Phase	Inductance /Phase	Holding Torque	# of Leads	Detent Torque	Rotor Inertia	Motor Length	Weight
	V	A	Ω	mH	kg.cm	No.	g.cm	g.cm <sup>2</sup>	(L)mm	kg
JK42HS48-1684-08AF	2.8	1.68	1.65	2.8	5.0	4	260	68	48	0.38

## Wiring Diagram:



## Pull out Torque Curve:

