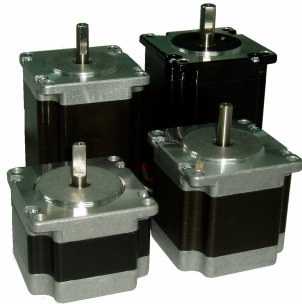


57HS S eries Hybrid Stepping Motor s



General Specifications

Step Angle Degree	1.8°
Step Angle Accuracy	±5% (full step" no load)
Temperature Rise	80°C Max
Ambient Temperature	-10°C ## +50°C
Insulation Resistance	100MΩmin.500VDC
Dielectric Strength	500VAC for one minute
Shaft Radial Play	0.06 Max.(450g-load)
Shaft Axial Play	0.08 max.(450g-load)

Electrical Specifications

Model Number	Connection	Motor Length L inch (mm)	Holding Torque Oz-in (Nm)	Number of Leads	Phase Current (Amps)	Phase Resistance (Ohm)	Phase Inductance (mH)	Rotor Inertia Oz-in-sec ² (g.cm ²)	Detent Torque Oz-in (g.cm)	Weight Oz (kg)
57HS22	(Bipolar) P arallel	3.19 81!	311.52 2.2!	8	5.7	0.4±10%	1.8±20%	0.006816 480!	-	40.57 1.15!
	(Bipolar) S eries		311.52 2.2!		2.8	1.6±10%	7.2±20%			
	Unipolar		212.4 1.5!		4.0	0.8±10%	1.8±20%			

* A bove motors are our typical models, and if you need a customization motor, please contact us.

Mechanical Specifications (Unit=mm, 1 inch=25.4mm)

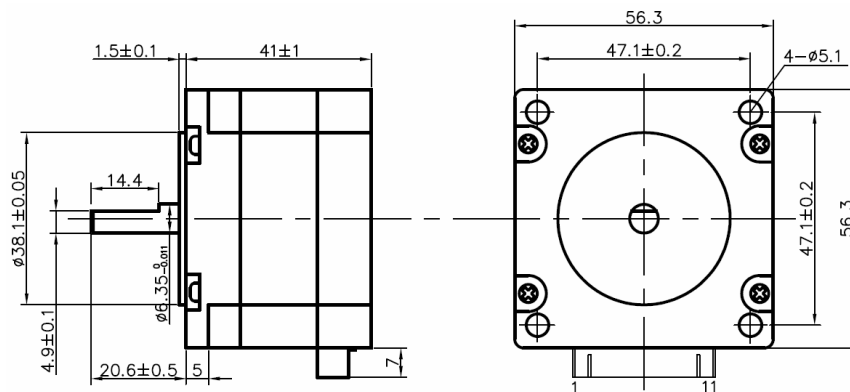


Figure 1: Mechanical specification of 57HS04