

1.8° Size 57mm High Torque Hybrid Stepping Motor

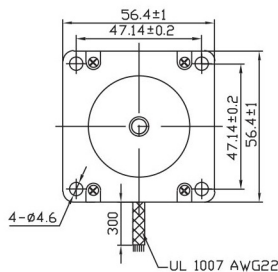
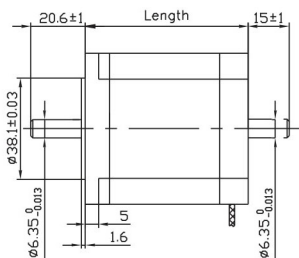
● General Specification for High Torque Hybrid Stepping Motor

Item	Specifications
Step Angle	1.8°
Step Angle Accuracy	± 5% (full step, no load)
Resistance Accuracy	± 10%
Inductance Accuracy	± 20%
Temperature Rise	80°CMax.(rated current,2 phase on)
Ambient Temperature	-20°C~+50°C
Insulation Resistance	100M Ω 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	75N (20mm from the flange)
Max. axial force	15N
Rotation	CW(See from Front Flange)

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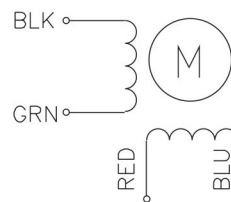
Model No.		Rated Voltage	Current /Phase	Resistance /Phase	Inductance /Phase	Holding Torque	# of Leads	Rotor Inertia	Weight	Detent Torque	Length				
Single Shaft	Double Shaft	V	A	Ω	mH	kg-cm		g-cm²	kg	kg-cm	mm				
FL57STH56-1006A	FL57STH56-1006B	7.4	1	7.4	10	9.0	6	300	0.7	0.4	56				
FL57STH56-2006A	FL57STH56-2006B	3.6	2	1.8	2.5										
FL57STH56-3006A	FL57STH56-3006B	2.3	3	0.75	1.1										
FL57STH56-2804A	FL57STH56-2804B	2.5	2.8	0.9	2.5	12.6	4	480	1	0.68	76				
FL57STH76-1006A	FL57STH76-1006B	8.6	1	8.6	14	13.5	6								
FL57STH76-2006A	FL57STH76-2006B	4.5	2	2.25	3.6										
FL57STH76-4004A	FL57STH76-4004B	3	4	1	1.6	18.9									
FL57STH100-4404A	FL57STH100-4404B	3.2	4.4	1.13	3.6	23	6	520	1.45	0.9	98				

● Dimension



● Wiring Diagram

4 LEADS



6 LEADS

