

1.8° Size 35mm Hybrid Stepping Motor

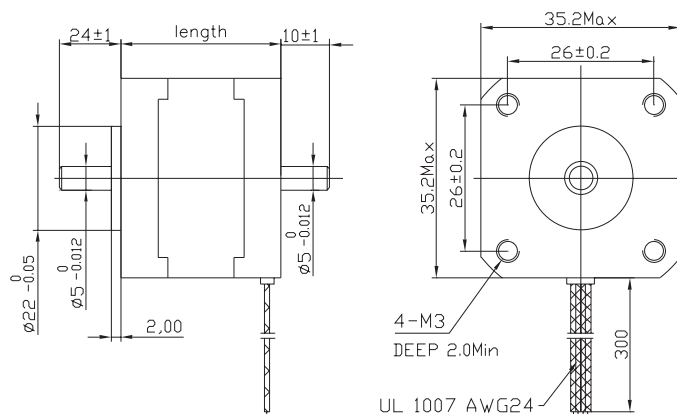
● General Specification for Hybrid Stepping Motor

Item	Specifications
Step Angle	1.8°
Step Angle Accuracy	± 5% (full step, no load)
Resistance Accuracy	± 10%
Inductance Accuracy	± 20%
Temperature Rise	80°C Max.(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	28N (20mm from the flange)
Max. axial force	10N
Rotation	CW(See from Front Flange)

● Size 35mm Hybrid Stepping Motor Specifications

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	g-cm		g-cm ²	kg	g-cm	mm
FL35ST22-0804A	FL35ST22-0804B	3.2	0.8	4	2.3	500	4	8	0.10	60	22
FL35ST26-0284A	FL35ST26-0284B	7.4	0.28	26	19.2	650	4	10	0.13	60	26
FL35ST28-0504A	FL35ST28-0504B	10	0.5	20	13.5	1000	4	10	0.14	80	28
FL35ST28-0406A	FL35ST28-0406B	11.2	0.4	28	10	500	6				
FL35ST36-0704A	FL35ST36-0704B	1.4	0.7	2	2.9	920	4	14	0.18	100	36
FL35ST36-1004A	FL35ST36-1004B	2.7	1.0	2.7	4.3	1400	4				

● Dimension



● Wiring Diagram

