



# Size 57mm 3-Phase Hybrid Stepping Motor

## ● General Specification for High Torque Hybrid Stepping Motor

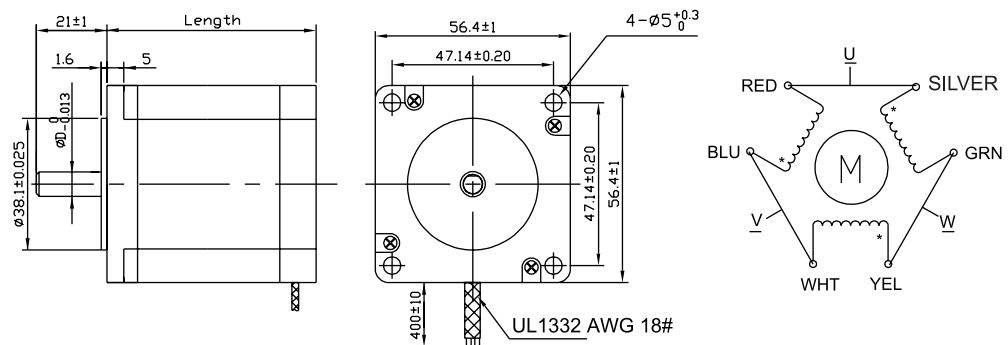
Item	Specifications
Step Angle	1.2°
Step Angle Accuracy	± 5% (full step, no load)
Resistance Accuracy	± 10%(20°C)
Inductance Accuracy	± 20%(1KHz)
Temperature Rise	80°CMax.(rated current)
Ambient Temperature	-20°C~+50°C
Insulation Resistance	100MΩ Min. ,500VDC
Dielectric Strength	500VAC for one minute
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
Insulation class	F



## ● Size 57mm 3-Phase Hybrid Stepping Motor Specifications

Model No.	Rated Voltage	Inductance /Phase	Resistance /Phase	Current /Phase	Holding Torque	Detent Torque	Rotor Inertia	Weight	Length (L)
unit	V	mH	Ω	A	N.m	N.cm	g-cm <sup>2</sup>	kg	mm
FL573P42-5206A	6.76	1.4	1.3	5.2	0.45	2.1	110	0.45	42
FL573P56-5606A	4	1.7	0.7	5.6	0.90	4	300	0.75	56
FL573P79-5806A	6	2.4	1.05	5.8	1.5	6.8	480	1.10	79

## ● Dimension



For FL573P42-5206A & FL573P56-5606A, "D" is 6.35, for FL573P79-5806A, "D" is 8.

## ● Pull out Torque Curve

