

PHG60S Series

● Key Features

- High Torque
- High Precision
- Long Lifetime



● Stepper Motor Electrical Specifications

Series Model	Rated Current (A)	Phase Resistance (Ω)	Phase Inductance (mH)	Lead Wire (No.)	Holding Torque (N.m)	Motor Length L (mm)	Rotor Inertia (g.cm ²)	Motor Weight (g)	Step Angle (°)
PHG60S56-404	4.2	0.45	1.3	4	1.5	56	350	0.7	1.8
PHG60S64-404		0.6	2.0		2.2	76	550	1.15	
PHG60S76-404		0.75	3.3		2.8	90	780	1.4	
PHG60S90-404		0.9	3.5		3.2	100	850	1.55	

● Planetary Gearbox Technical Data

Gear Ratio		Length L1 (mm)	Efficiency	Rated Torque (N.m)	Permissible Torque (Max) (N.m)	Noise (dB)	Backlash min. at No-load	Weight (g)
1 Stage	5	58	95%	25	40	@1m ≤60dB	≤15arcmin	600-800
	10							
2 Stage	15	75	90%	40	60		≤25arcmin	800-960
	20							
	25							
	30							
	40							
	50							

● Dimensions(Unit:mm)

