



**Motor Electrical Specification**

Series Model	Step Angle (°)	L (mm)	Rated Current (A)	Phase Resistance (Ω)	Phase Inductance (mH)	Holding Torque (N.cm)	Detent Torque (N.cm)	Lead Wire (NO.)	Motor Weight (g)
HP281-00506	1.8	28	0.6	4.2	2.2	4.5	0.3	4	105
HP281-00606	1.8	33	0.6	5.5	3.2	6.0	0.4	4	110
HP281-00806	1.8	41	0.6	7.0	6.0	8.0	0.5	4	140

Other Motor Electrical Specification please refer to Hybrid Stepper Motor web

**Gearbox Specification**

Ratio	3.71	5.18	14	19	27	51	71	100	139	189	264	369
Reducer Series	1		2			3			4			
Length (mm)	31.0		40.1			49.0			57.9			
Allowable Torque (Kg.cm)	12		20			32			40			
Instantaneous Torque (Kg.cm)	36		60			96			120			
Efficiency (%)	90%		81%			73%			66%			
Weight (g)	60		85			95			110			

We can manufacture products according to customer's requirements

**Mechanical Dimensions**

