

HYBRID STEPPER MOTOR-Nema23HY

General Specifications

Step Accuracy.....±5%

Temperature Rise.....80°C Max

Ambient temperature Range.....-20°C—+50°C

Insulation Resistance.....100MΩMin.500VC DC

Dielectric Strength.....500V AC 1 minute

Motor length

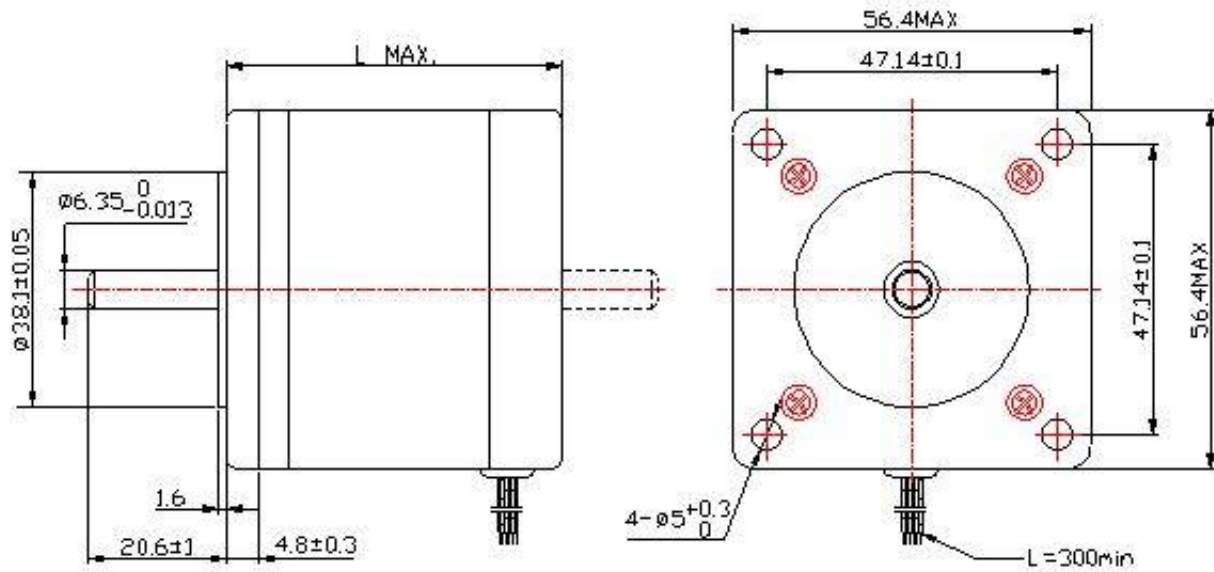
model	motor length
23HY4XXX	41mm
23HY5XXX	51mm
23HY6XXX	56mm
23HY7XXX	76mm

Electrical Specifications

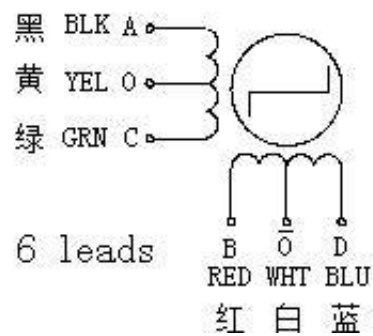
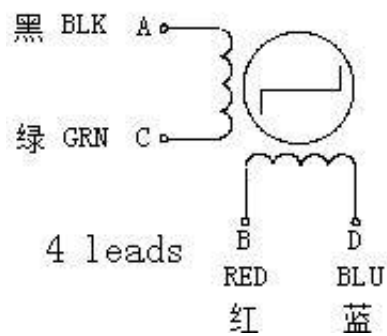
(Electrical Specifications) :										
Series Mode	Step Angle (°)	Motor Length (mm)	Rated Current (A)	Phase Resistance (Ω)	Phase Inductance (mH)	Holding Torque (N.cm Min)	Detent Torque (N.cm Max)	Rotor Torque (g.cm ²)	Lead Wire (No.)	Motor Weight (g)
23HY46038	1.8	41	0.38	32	30	30	3.5	60	6	450
23HY44155	1.8	41	1.55	1.8	3.5	22	3.5	60	4	450
23HY4421	1.8	41	2.1	0.8	1.4	32	3.5	60	4	450
23HY4615	1.8	41	1.5	1.5	1.4	24	3.5	60	6	450
23HY56038	1.8	51	0.38	32	28	38	5.5	118	6	600
23HY56085	1.8	51	0.85	7.1	8.5	45	5.5	118	6	600
23HY5614	1.8	51	1.4	2.5	3.2	45	5.5	118	6	600
23HY5414	1.8	51	1.4	2.5	6.2	62	5.5	118	4	600
23HY5420	1.8	51	2.0	1.3	3.2	62	5.5	118	4	600
23HY6606	1.8	56	0.6	20	20	60	6.5	145	6	650
23HY6612	1.8	56	1.2	5.0	6.8	60	6.5	145	6	650
23HY6616	1.8	56	1.6	2.5	3.2	60	6.5	145	6	650
23HY6624	1.8	56	2.4	1.0	1.2	60	6.5	145	6	650
23HY6425	1.8	56	2.5	1.2	3.0	80	6.5	145	4	650
23HY7442	1.8	76	4.2	0.6	1.4	110	6.5	145	4	800
23HY7421	1.8	76	2.1	2.2	6.2	110	9.5	230	4	800
23HY7436	1.8	76	3.6	0.8	2.2	110	9.5	230	4	800

*Note: We can manufacture products according to customer's requirement

Mechanical Dimensions



Wiring diagram



Product link : <https://www.longs-motor.com/?p=1256>