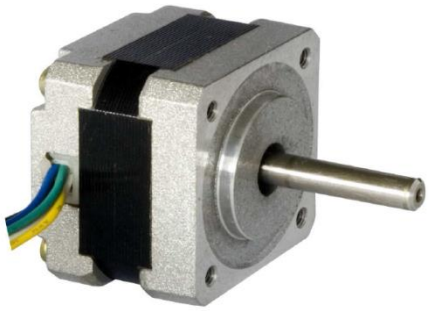
Hybrid Stepper Motor

35BYG Series



General Specifications

Step Accuracy	± 5%
Temperature Rise	80°C Max
Ambient Temperature Range	-20°C ~ +50°C
Insulation Resistance	100 MΩ Min. 500 VDC
Dielectric Strength	500 VAC 1 minute

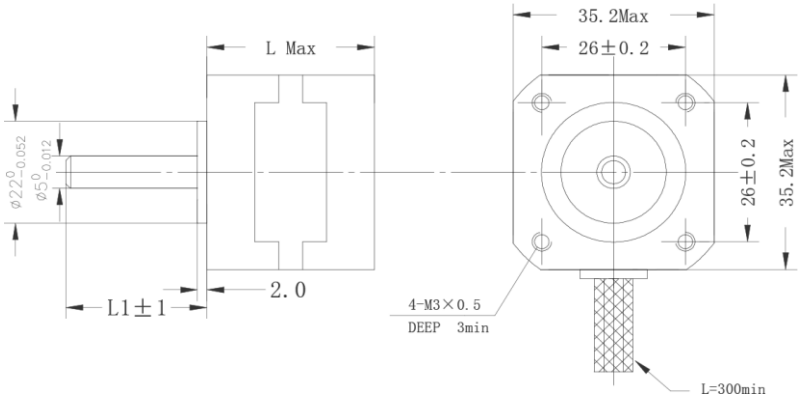
Customized solutions on request.

Hetai Motor

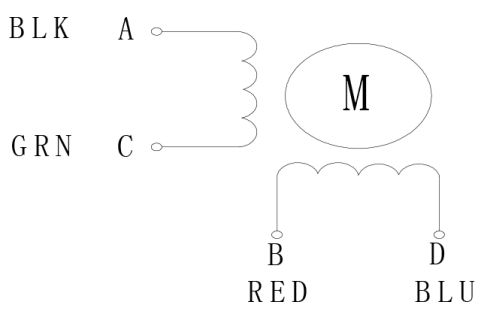
Electrical Specifications

Model	Step Angle	Motor Length	Rate Voltage	Rate Current	Phase Resistance	Phase Inductance	Holding Torque	Detent Torque	Rotor Inertia	Lead Wire	Motor Weight
	°	*L (mm)*	*V*	*A*	*Ω*	*mH*	*mNm*	*mNm*	*gcm²*	*NO.*	*kg*
35BYG101	1.8	20	11.25	0.45	25	9	49.0	4.9	8	6	0.1
35BYG103	1.8	20	6.57	0.73	9	4	63.7	4.9	8	4	0.1
35BYG104	1.8	20	10.8	0.4	27	17	63.7	4.9	8	4	0.1
35BYG203-01	1.8	26	2.4	1.5	1.6	1.4	88.3	5.9	10	4	0.13
35BYG204-02	1.8	26	6.84	0.76	9	4.8	78.5	5.9	10	6	0.13
35BYG205-01	1.8	26	12	0.25	48	17	37.3	5.9	10	6	0.13
35BYG207-01	1.8	26	3.2	0.75	4.3	4	68.6	5.9	10	4	0.13
35BYG302-01	1.8	28	10.4	0.4	26	10	98.1	7.8	11	6	0.14
35BYG303-02	1.8	28	7	0.54	13	9.5	78.5	7.8	11	4	0.14
35BYG304-01	1.8	28	3.5	1	3.5	3.5	122.6	7.8	11	4	0.14
35BYG401-01	1.8	34	12	0.5	24	12	98.1	9.3	13	6	0.17

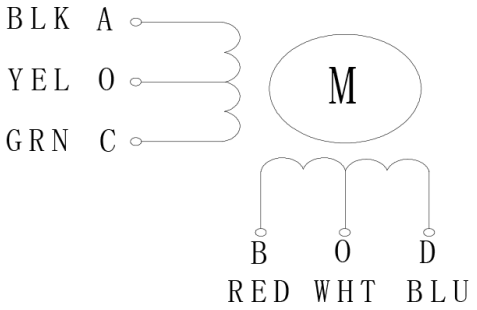
Mechanical Dimensions



Wiring Diagram



4 Leads



6 Leads

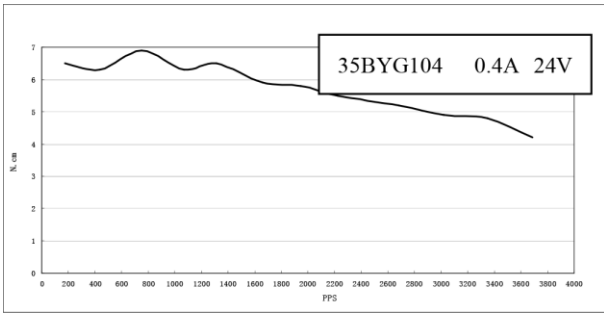
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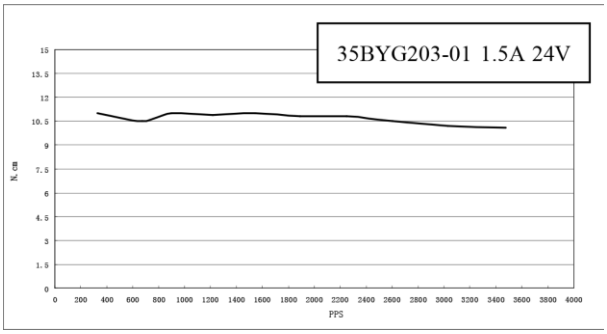
The specifications are believed to be accurate and reliable. However, the suitability has to be determined for a specific application. Specifications are subject to change without notice.

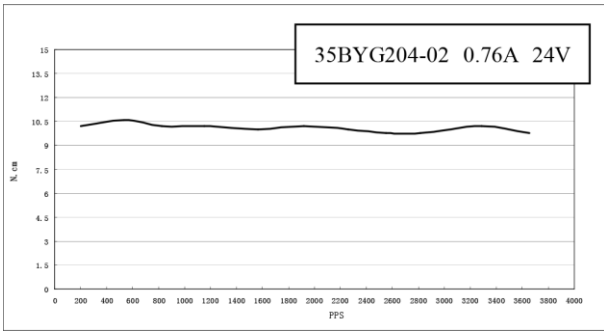
Hybrid Stepper Motor

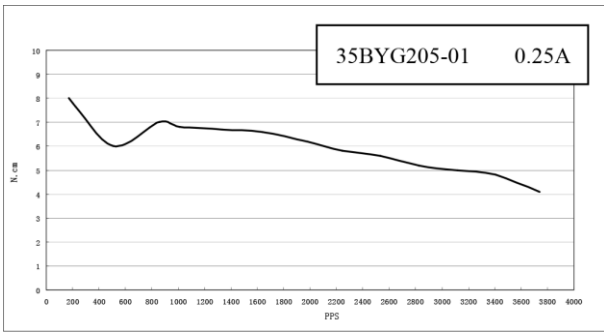
Pulse-Torque Characteristics

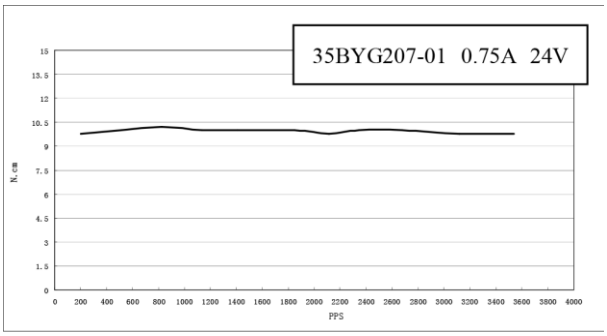


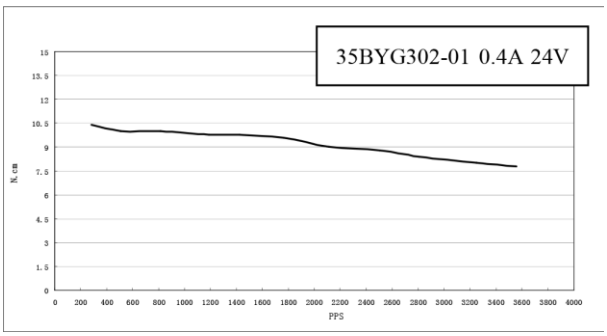


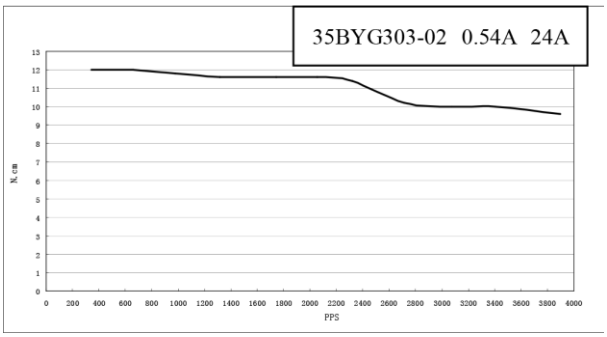


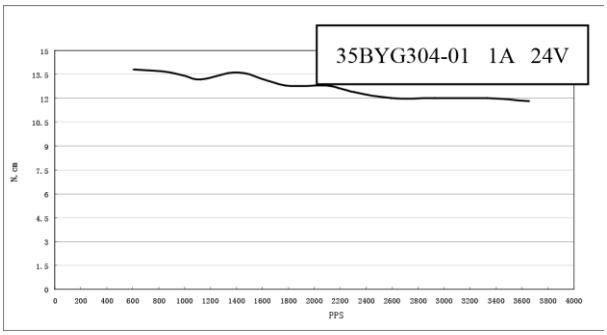


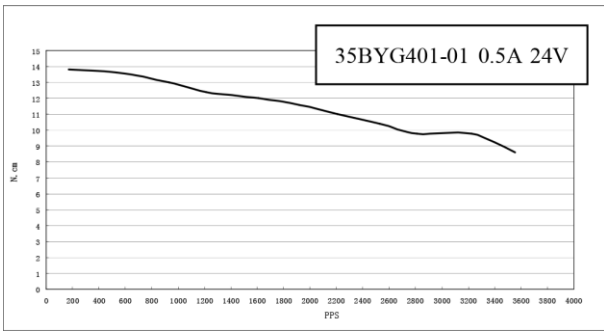












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