

Hybrid Linear Actuators

42BYGL Series

Hybrid Stepping Motor 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 1s

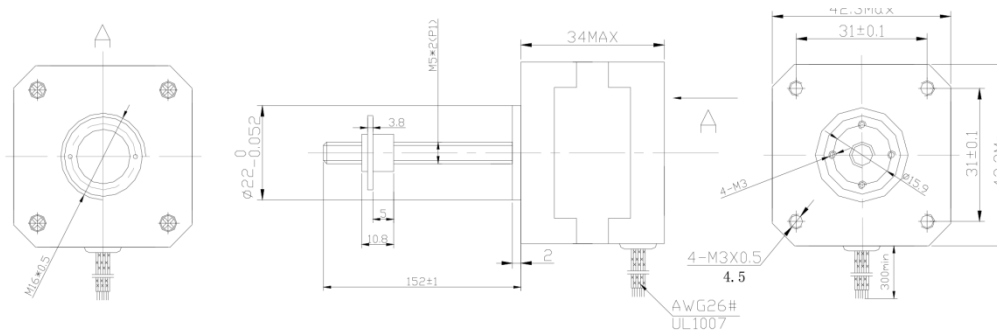
Customized solutions on request.



Electrical Specifications

Model	Step distance mm/step	Motor Length L (mm)	Rate Voltage V	Rate Current A	Phase Resistance Ω	Phase Inductance mH	Holding Torque mNm	Detent Torque mNm	Rotor Inertia kgcm ²	Lead Wire NO.	Motor Weight kg
42BYGHL240	0.01	34	5.4	0.8	6.7	9.5	2500	19.6	0.034	4	0.2
42BYGHL602	0.02	40	12	0.4	26	23	3000	21.6	0.054	6	0.26
42BYGHL801	0.04	48	12	0.4	30	22	3800	27.5	0.068	6	0.36

Mechanical Dimensions



Connection Diagram

