

2-Phase Hybrid Stepper Motor Type SH42 (NEMA 17)



Technical Data

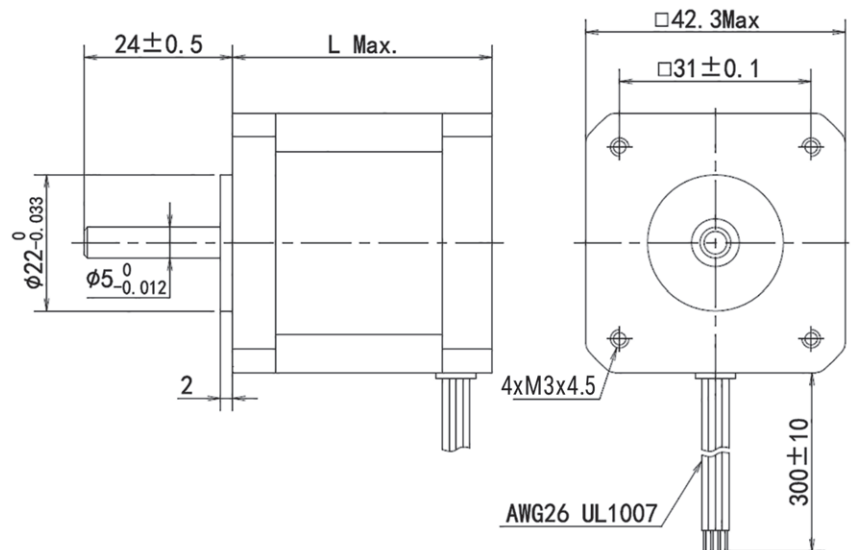
Model	Rated Current (A)	Resistance (Ω)	Inductance (mH)	Lead Wire	Holding Torque (Ncm)	Length L (mm)	Rotor Inertia (gcm ²)	Weight (kg)	Step Angle (°)
SH42.20-0410	0.8	3.8	4.5	4	10	20	24	0.12	1.8
SH42.28-2408	0.6	8	10	4	12	28	30	0.15	
SH42.34-3401	1.3	2.4	3.5	4	28	34	34	0.22	
SH42.40-4401	1.7	1.5	2.8	4	40	40	54	0.28	
SH42.48-8401	1.7	1.8	3.2	4	50	48	68	0.35	
SH42.60-9403	2.3	1.4	2.5	4	70	60	80	0.48	
SH42.63-6403	2.3	1.5	2.2	4	80	63	85	0.5	

Insulation Resistance: min. 100 M Ω (at 500VDC)
Dielectric Strength (1 min): 500 VAC

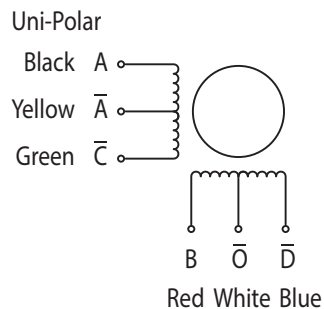
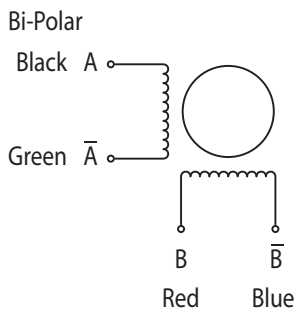
Operating Temp.: -20 to +50 °C
Insulation Class: B (130 °C)
Permissible Temp. Rise: 80 °C

Options

Step Sizes 0.72 and 3.75°
3 and 5 Phases
Encoder
Special Shaft
Rear Shaft Extension
Extension Cable
Connector



Connections



Further winding configurations can be supplied upon request.