

HIGH TORQUE HYBRID STEPPING MOTOR

1.8° NEMA 17 42mm

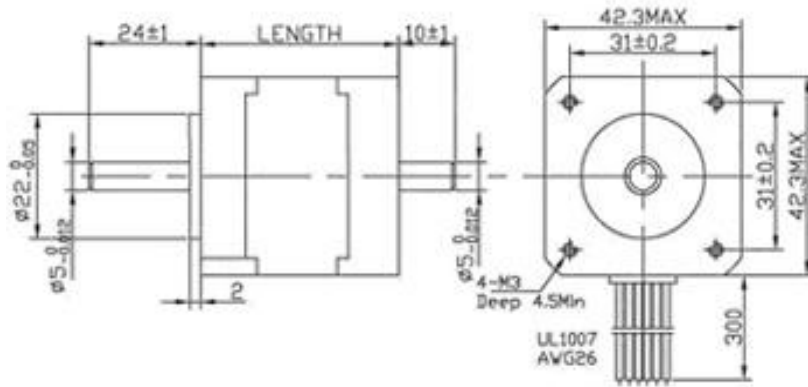
ITEM	SPECIFICATION
Step Angle	1.8°
Temperature Rise	80°CMax
Ambient Temperature	-20°C to +50°C
Insulation Resistance	100MΩ Min, 500VDC
Dielectric Strength	500VAC for 1 minute
Shaft Radial Play	0.06Max.(450 g-load)
Shaft Axial Play	0.08Max.(450 g-load)
Max Radial Force	28N(20mm from flange)
Max Axial Force	10N



TECHNICAL SPECIFICATION

Model No.	Rated Voltage	Current/Phase	Resistance/Phase	Inductance/Phase	Holding Torque		No: Of Leads	Rotor Inertia	Weight	Length
	V	A	Ω	mH	Oz-in	g-cm				
FT42SH33-096A	4	0.95	4.2	2.5	22	1580	6	35	0.22	33
FT42SH33-066A	6	0.6	10	9.5						
FT42SH33-036A	12	0.31	38.5	33						
FT42SH33-134A	2.8	1.33	2.1	4.2	30	2200	4	54	0.28	38
FT42SH38-126A	4	1.2	3.3	4	36	2590	6			
FT42SH38-086A	6	0.8	7.5	7.5						
FT42SH38-046A	12	0.4	30	30						
FT42SH38-164A	2.8	1.68	1.65	4	50	3300	4	68	0.35	48
FT42SH48-126A	4	1.2	3.3	4	44	3170	6			
FT42SH48-086A	6	0.8	7.5	10						
FT42SH48-046A	12	0.4	30	38						
FT42SH48-164A	2.8	1.68	1.65	4.1	62	4400	4			

MOTOR DIMENSIONS



WIRING DIAGRAM

