

HIGH TORQUE HYBRID STEPPING MOTOR

1.8° NEMA 11 28mm

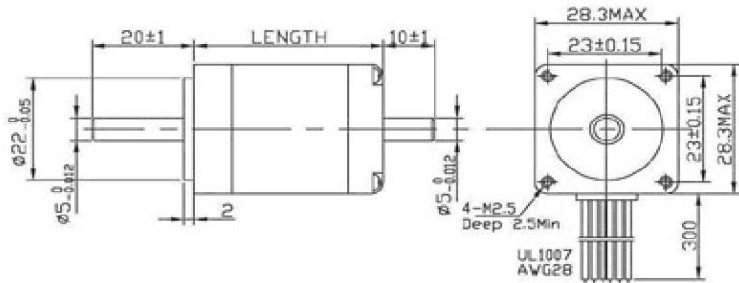
ITEM	SPECIFICATION
Step Angle	1.8°
Temperature Rise	80°CMax
Ambient Temperature	-20°C to +50°C
Insulation Resistance	100MΩ Min, 500VDC
Dielectric Strength	500VAC for 1 minute
Shaft Radial Play	0.06Max.(450 g-load)
Shaft Axial Play	0.08Max.(450 g-load)
Max Radial Force	28N(20mm from flange)
Max Axial 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				
FT28SH32-096A	2.66	0.95	2.8	1	6	500	6	9	0.11	32
FT28SH32-064A	3.8	0.67	5.6	4.2	8.3	600	4			
FT28SH45-096A	3.2	0.95	3.4	1.2	10.4	750	6	12	0.14	45
FT28SH45-064A	4.6	0.67	6.8	4.9	13.2	950	4			
FT28SH51-096A	4.4	0.95	4.6	1.4	12.5	900	6	18	0.2	51
FT28SH51-064A	6.7	0.67	9.2	5.7	16.7	1200	4			

MOTOR DIMENSIONS



WIRING DIAGRAM

