

HIGH TORQUE HYBRID STEPPING MOTOR

1.8° NEMA 23 57mm

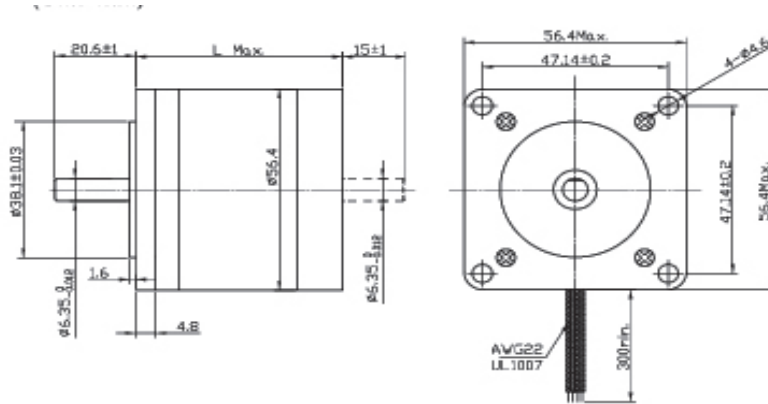
ITEM	SPECIFICATION
Step Angle	1.8°
Temperature Rise	80°CMax
Ambient Temperature	-20°C to +50°C
Insulation Resistance	100MΩ Min, 500VDC
Dielectric Strength	500VAC for 1 minute
Shaft Radial Play	0.06Max.(450 g-load)
Shaft Axial Play	0.08Max.(450 g-load)
Max Radial Force	75N(20mm from flange)
Max Axial Force	15N



TECHNICAL SPECIFICATION

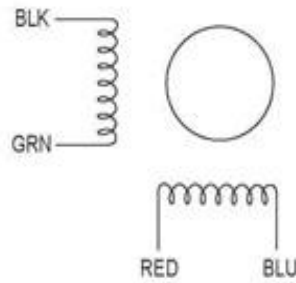
Model No.	Rated Voltage	Current/Phase	Resistance/Phase	Inductance/Phase	Holding Torque	No: Of Leads	Detent Torque	Rotor Inertia	Weight	Length
	V	A	Ω	mH	Kg-cm		Kg-cm	g-cm ²	Kg	mm
FT57ST41-116A	4	1.1	3.6	3.6	2.88	6	0.18	57	0.54	41
FT57ST41-046A	12	0.4	30	30						
FT57ST41-14A	2.8	1.56	1.8	3.6		4				
FT57ST51-086A	6	0.85	7.1	9	4.97	6	0.35	110	0.6	51
FT57ST51-046A	12	0.42	29	36						
FT57ST51-284A	2.38	2.8	0.85	2.1		4				
FT57ST56-126A	6	1.2	5	8	6.05	6	0.42	135	0.65	56
FT57ST56-066A	12	0.6	20	32						
FT57ST56-254A	2.8	2.55	1.1	3.6		4				
FT57ST76-156A	5.4	1.5	3.6	6	9	6	0.72	200	0.95	76
FT57ST76-066A	12	0.68	17.7	30						
FT57ST76-084A	2.7	3.3	0.85	3		4				

MOTOR DIMENSIONS



WIRING DIAGRAM

4 LEADES



6 LEADES

