

Specifications

T22

	T22T	T22V
ELECTRICAL SPECIFICATIONS		
Continuous Stall Torque, oz-in (N-m)	280 (1.98)	
Recommended Current/Phase, Amps	0.77	1.5
Winding Resistance @ Ambient, Ohms	11.5	2.9
Inductance, mH	65.5	17
Max. Winding Temperature, °F (°C)	212 (100)	
MECHANICAL SPECIFICATIONS		
Rotor Inertia, oz-in-s ² (kg-m ²)	0.0056 (0.0408 x 10 ⁻³)	
Axial Shaft Load, lbs (N)	10 (44)	
Radial Shaft Load, lbs (N)	15 (66)	
Motor Weight, lbs (kg)	2.7 (1.23)	
Step Angle (Full Step) degrees	1.8	
Bolt Circle Diameter, inches	2.625	
Shaft Length, inches (mm)	0.81 (20.57)	
Shaft Diameter, inches (mm)	0.25 (6.35)	
Shaft Feature	Flat	

T31

	T31T	T31V
ELECTRICAL SPECIFICATIONS		
Continuous Stall Torque, oz-in (N-m)	450 (3.2)	
Recommended Current/Phase, Amps	1.4	2.8
Winding Resistance @ Ambient, Ohms	6.21	1.55
Inductance, mH	50.1	12.5
Max. Winding Temperature, °F (°C)	212 (100)	
MECHANICAL SPECIFICATIONS		
Rotor Inertia, oz-in-s ² (kg-m ²)	0.0202 (0.14 x 10 ⁻³)	
Axial Shaft Load, lbs (N)	305 (1355)	
Radial Shaft Load, lbs (N)	65 (285)	
Motor Weight, lbs (kg)	5 (2.27)	
Step Angle (Full Step), degrees	1.8	
Bolt Circle Diameter, inches	3.875	
Shaft Length, inches (mm)	1.25 (31.75)	
Shaft Diameter, inches (mm)	0.375 (9.53)	
Shaft Feature	Flat	

T32

	T32T	T32V
ELECTRICAL SPECIFICATIONS		
Continuous Stall Torque, oz-in (N-m)	920 (6.5)	
Recommended Current/Phase, Amps	1.6	3.2
Winding Resistance @ Ambient, Ohms	6.44	1.61
Inductance, mH	69	17
Max. Winding Temperature, °F (°C)	212 (100)	
MECHANICAL SPECIFICATIONS		
Rotor Inertia, oz-in-s ² (kg-m ²)	0.038 (2.7 x 10 ⁻⁴)	
Axial Shaft Load, lbs (N)	305 (1355)	
Radial Shaft Load, lbs (N)	65 (285)	
Motor Weight, lbs (kg)	8.4 (3.81)	
Step Angle (Full Step), degrees	1.8	
Bolt Circle Diameter, inches	3.875	
Shaft Length, inches (mm)	1.25 (31.75)	
Shaft Diameter, inches (mm)	0.500 (12.70)	
Shaft Feature	1/8" Square Key	

T41

	T41T	T41V
ELECTRICAL SPECIFICATIONS		
Continuous Stall Torque, oz-in (N-m)	1250 (8.8)	
Recommended Current/Phase, Amps	2.8	5.6
Winding Resistance @ Ambient, Ohms	2.21	0.55
Inductance, mH	36	9.1
Max. Winding Temperature, °F (°C)	212 (100)	
MECHANICAL SPECIFICATIONS		
Rotor Inertia, oz-in-s ² (kg-m ²)	0.0783 (5.5 x 10 ⁻⁴)	
Axial Shaft Load, lbs (N)	404 (1790)	
Radial Shaft Load, lbs (N)	125 (550)	
Motor Weight, lbs (kg)	11 (5)	
Step Angle (Full Step), degrees	1.8	
Bolt Circle Diameter, inches	4.95	
Shaft Length, inches (mm)	1.88 (47.75)	
Shaft Diameter, inches (mm)	0.625 (15.88)	
Shaft Feature	3/16" Square Key	