

4T5609 Series



Specifications

2-phase High Torque Stepping Motors (Frame Size: 56mm, NEMA Size 23)

Part #	Step Angle (degrees)	Leads	Holding Torque Minimum (Kg-cm)	Voltage (Volts)	Rated Current (A/Ph.)	Resistance (Ohms/Ph.)	Inductance (mH/Ph.)	Rotor Inertia (g-cm ²)	Motor Weight (grams)
4T5609F1006	0.9	6	3.9	5.7	1.00	5.7	6.3	90	400

Part #	Step Angle (degrees)	Leads	Holding Torque Minimum (Kg-cm)	Voltage (Volts)	Rated Current (A/Ph.)	Resistance (Ohms/Ph.)	Inductance (mH/Ph.)	Rotor Inertia (g-cm ²)	Motor Weight (grams)
4T5609X3006	0.9	6	4.3	1.9	3.00	0.63	0.7	120	450

Part #	Step Angle (degrees)	Leads	Holding Torque Minimum (Kg-cm)	Voltage (Volts)	Rated Current (A/Ph.)	Resistance (Ohms/Ph.)	Inductance (mH/Ph.)	Rotor Inertia (g-cm ²)	Motor Weight (grams)
4T5609S1206	0.9	6	7.5	6	1.20	5	11.6	275	450

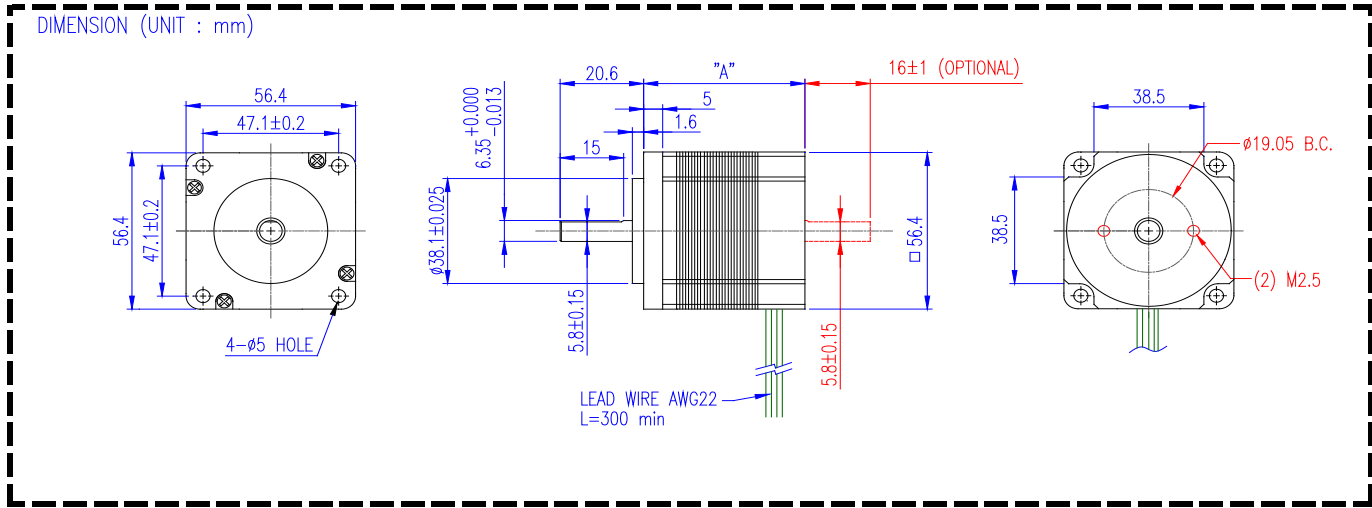
Part #	Step Angle (degrees)	Leads	Holding Torque Minimum (Kg-cm)	Voltage (Volts)	Rated Current (A/Ph.)	Resistance (Ohms/Ph.)	Inductance (mH/Ph.)	Rotor Inertia (g-cm ²)	Motor Weight (grams)
4T5609M2006	0.9	6	8.5	3.6	2.00	1.8	3.3	300	700

Part #	Step Angle (degrees)	Leads	Holding Torque Minimum (Kg-cm)	Voltage (Volts)	Rated Current (A/Ph.)	Resistance (Ohms/Ph.)	Inductance (mH/Ph.)	Rotor Inertia (g-cm ²)	Motor Weight (grams)
4T5609L3006	0.9	6	13.5	3	3.00	1	1.9	480	1000

Part #	Step Angle (degrees)	Leads	Holding Torque Minimum (Kg-cm)	Voltage (Volts)	Rated Current (A/Ph.)	Resistance (Ohms/Ph.)	Inductance (mH/Ph.)	Rotor Inertia (g-cm ²)	Motor Weight (grams)
4T5609C3006	0.9	6	18.0	5.1	3.00	1.7	5.3	720	1500

Outline Drawing

4T5609 High Torque Stepper (Shown with optional rear shaft and encoder mounting holes)



SPEC.	DIM "A"
F	20.5
X	43.5
S	52
M	55
L	77.5
C	102.5



4T5618 Series



Specifications

2-phase High Torque Stepping Motors (Frame Size: 56mm, NEMA Size 23)

Part #	Step Angle (degrees)	Leads	Holding Torque Minimum (Kg-cm)	Voltage (Volts)	Rated Current (A/Ph.)	Resistance (Ohms/Ph.)	Inductance (mH/Ph.)	Rotor Inertia (g-cm ²)	Motor Weight (grams)
4T5618X1006	1.8	6	3.9	5.7	1.00	5.7	5.7	120	470
4T5618X0714	1.8	4	5.4	8.1	0.71	11.4	22.8	120	470
4T5618X2006	1.8	6	3.9	2.8	2.00	1.4	15	120	470
4T5618X1424	1.8	4	5.4	4	1.42	2.8	60	120	470
4T5618X3006	1.8	6	3.9	1.9	3.00	0.7	0.56	120	470
4T5618X2124	1.8	4	5.4	2.7	2.12	1.3	2.24	120	470

Part #	Step Angle (degrees)	Leads	Holding Torque Minimum (Kg-cm)	Voltage (Volts)	Rated Current (A/Ph.)	Resistance (Ohms/Ph.)	Inductance (mH/Ph.)	Rotor Inertia (g-cm ²)	Motor Weight (grams)
4T5618S1006	1.8	8	7.0	5	1.00	5	9.5	275	620

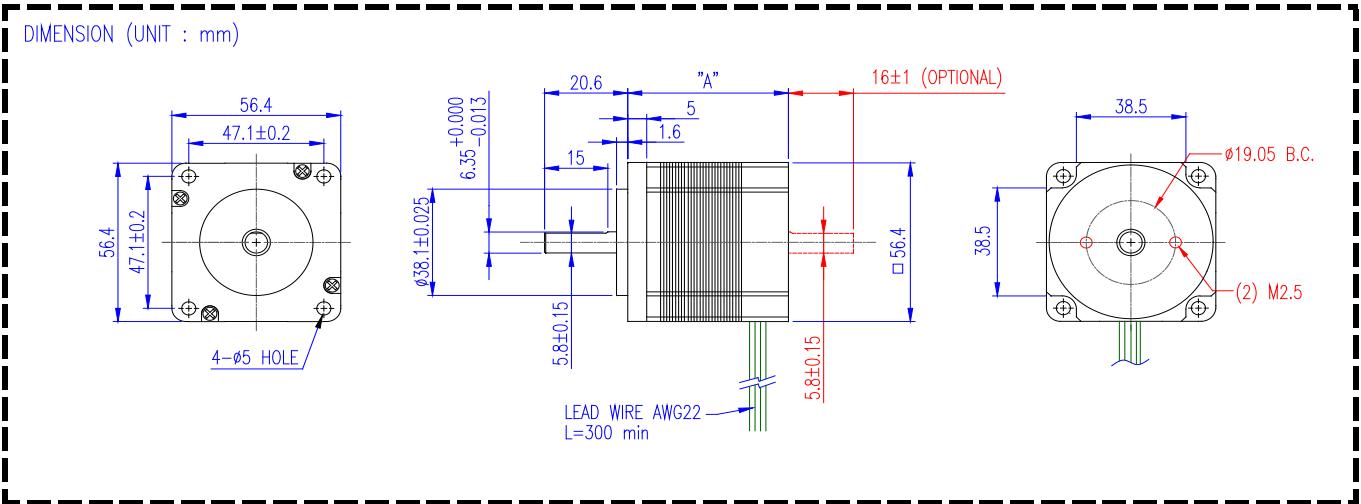
Part #	Step Angle (degrees)	Leads	Holding Torque Minimum (Kg-cm)	Voltage (Volts)	Rated Current (A/Ph.)	Resistance (Ohms/Ph.)	Inductance (mH/Ph.)	Rotor Inertia (g-cm ²)	Motor Weight (grams)
4T5618M1006	1.8	6	9.0	7.4	1.00	7.8	15	280	700
4T5618M0714	1.8	4	12.6	11	0.71	15.6	60	280	700
4T5618M2006	1.8	6	8	3.6	2.00	2	3.2	280	700
4T5618M1424	1.8	4	11	5.1	1.42	4	12.8	280	700
4T5618M3006	1.8	6	9.0	2.3	3.00	0.77	1.65	280	700
4T5618M2124	1.8	4	12.6	3.3	2.12	1.54	6.6	280	700

Part #	Step Angle (degrees)	Leads	Holding Torque Minimum (Kg-cm)	Voltage (Volts)	Rated Current (A/Ph.)	Resistance (Ohms/Ph.)	Inductance (mH/Ph.)	Rotor Inertia (g-cm ²)	Motor Weight (grams)
4T5618L1006	1.8	6	13.0	8.6	1.00	8.6	16.5	480	1000
4T5618L0714	1.8	4	17.0	12.2	0.71	17.2	66	480	1000
4T5618L2006	1.8	6	13	4.5	2.00	2.25	3.8	480	1000
4T5618L1424	1.8	4	17	6.4	1.42	4.5	15.2	480	1000
4T5618L3006	1.8	6	13.0	3	3.00	1	1.7	480	1000
4T5618L2124	1.8	4	17.0	4.3	2.12	2	6.8	480	1000

Part #	Step Angle (degrees)	Leads	Holding Torque Minimum (Kg-cm)	Voltage (Volts)	Rated Current (A/Ph.)	Resistance (Ohms/Ph.)	Inductance (mH/Ph.)	Rotor Inertia (g-cm ²)	Motor Weight (grams)
4T5618C1256	1.8	6	18.0	8.75	1.25	7	23	720	1500
4T5618C0884	1.8	4	25.2	12.37	0.88	14	92	720	1500
4T5618C4206	1.8	6	18.0	3.5	4.24	0.83	2.6	720	1500
4T5618C3004	1.8	4	25.2	5	3.00	1.66	10.4	720	1500

Outline Drawing

4T5618 High Torque Stepper (Shown with optional rear shaft and encoder mounting holes)



SPEC.	DIM "A"
X	43.5
S	52
M	55
L	77.5
C	102.5

