

CS-M Series Stepper Motor

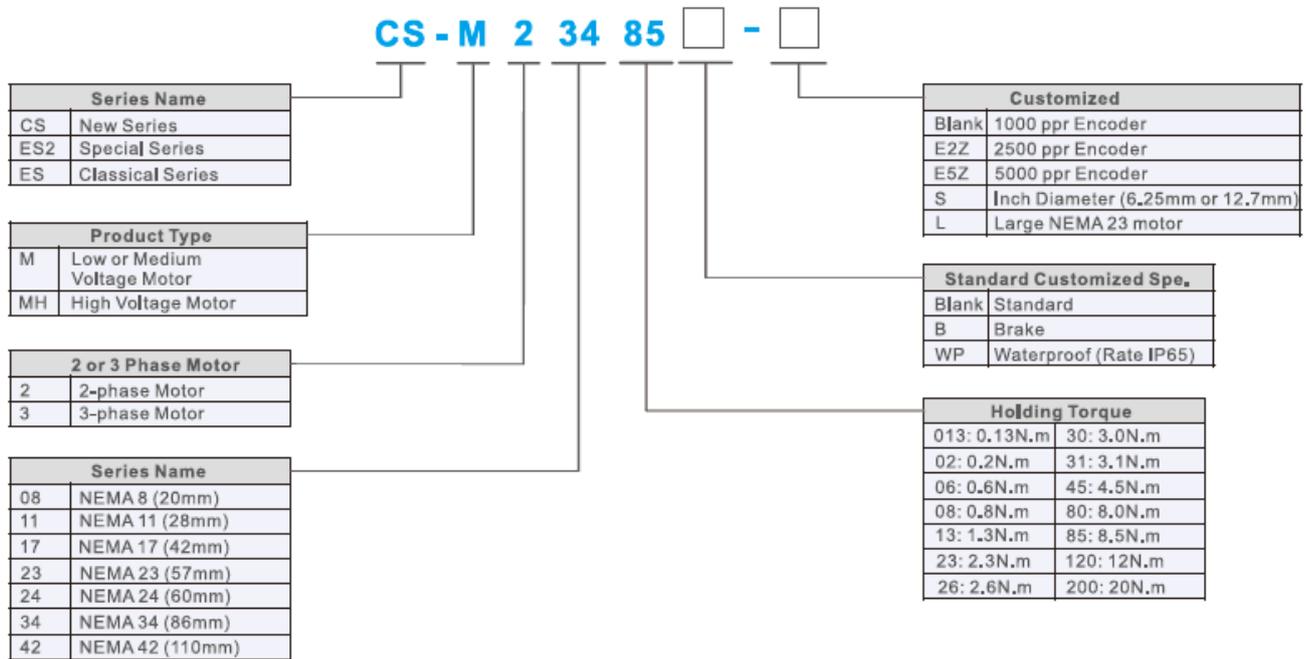
CS-M series closed loop stepper motor has integrated the CM series stepper motor and encoder, which can provide large torque, low heat and reliable position feedback signals. CS-M series also includes the types with brake, waterproof and different resolution. As a result of large-scale automated production lines and strict quality management system, CS-M series motors are more stable, reliable, superior, consistent and has a lower lost.



Feature

- Full frame range of NEMA 8 ~ NEMA 42
- Abundant motor type including standard type, brake type, waterproof type type, etc.
- Max torque can reach up to 20N.m
- High torque in all speed ranges
- Lower heating
- Lower vibration
- Reliable and stable

Model Designation



Technical Specification

Item	Frame Size	Resolution	Holding Torque (N.m)	Type
Specific	<ul style="list-style-type: none"> ● NEMA 8 ● NEMA 11 ● NEMA 17 ● NEMA 23 ● NEMA 24 ● NEMA 34 ● NEMA 42 	1000-line 5000-line	0.03~20	<ul style="list-style-type: none"> ● Standard motor ● Motor with brake ● Motor with IP65

Comprehensive Specification

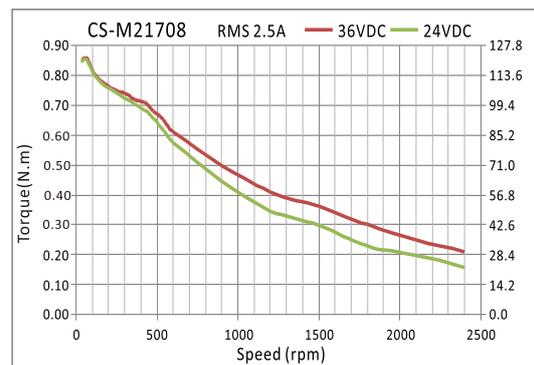
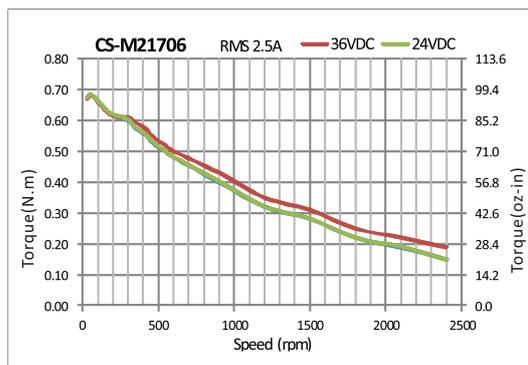
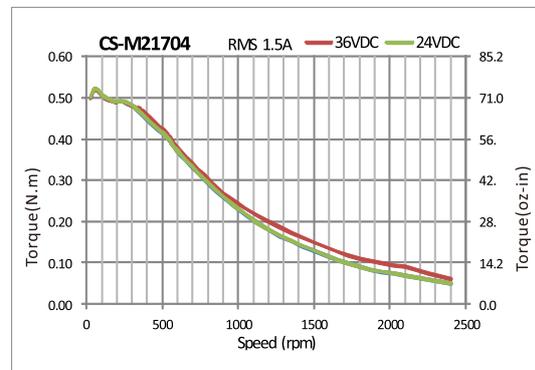
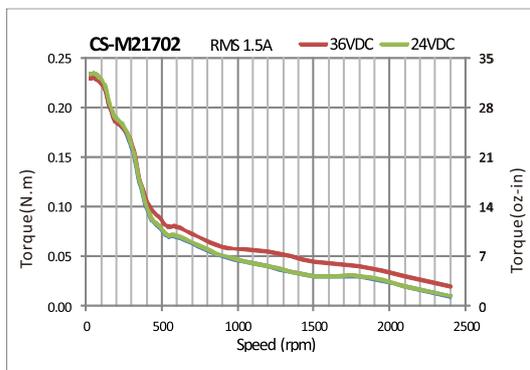
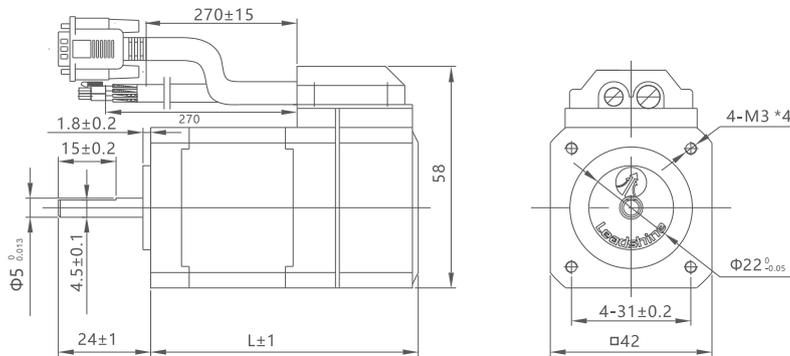
NEMA 17 (42mm)

Standard Models:



Model	Length (mm)	Holding Torque(N·m)	Rated Current (A)	Inertia (Kg·cm ²)
CS-M21702	56	0.2	1.5	0.023
CS-M21704	63	0.4	1.5	0.045
CS-M21706	70	0.6	2.5	0.077
CS-M21708	83	0.8	2.5	0.11

Unit: mm 1inch=25.4mm



NEMA 23 (57mm)

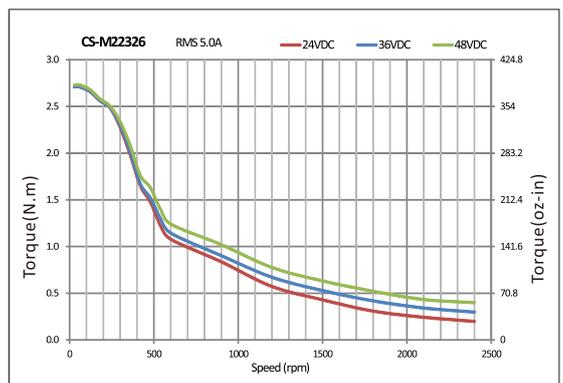
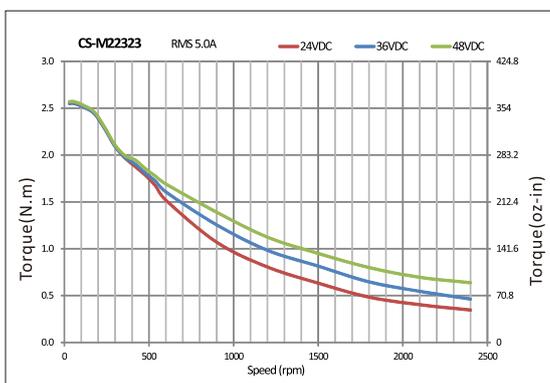
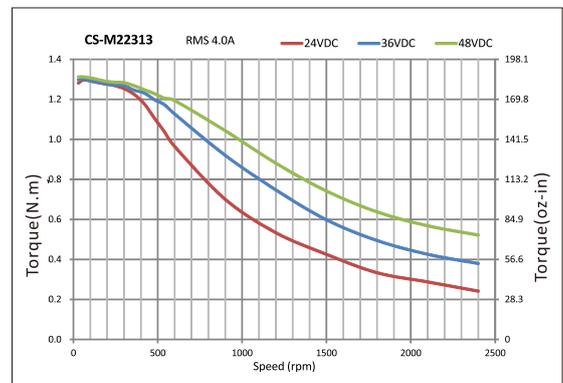
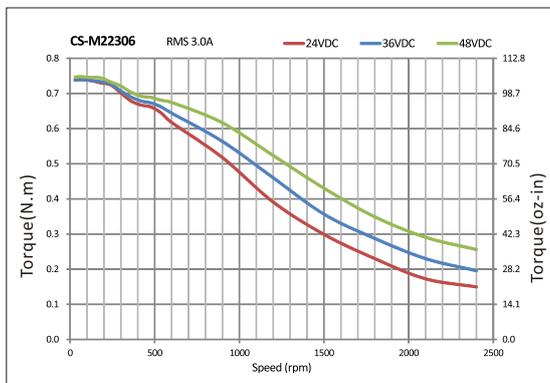
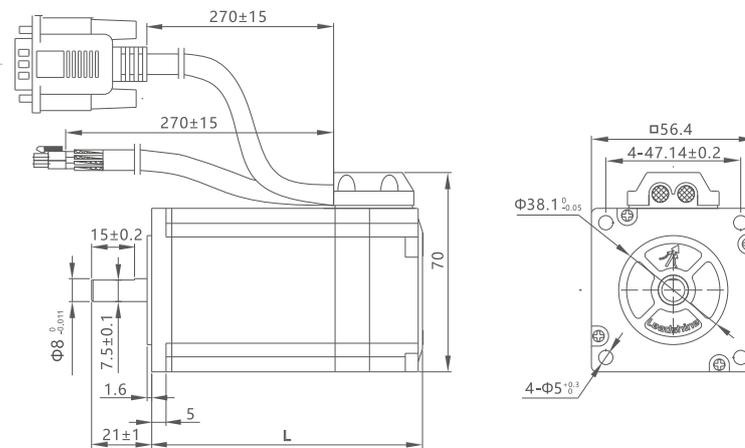
Standard Models:



Model	Length (mm)	Holding Torque(N·m)	Rated Current (A)	Inertia (Kg·cm ²)
CS-M22306	60	0.6	3.0	0.131
CS-M22313	75	1.3	4.0	0.3
CS-M22323	95	2.3	5.0	0.48
CS-M22326	103	2.6	5.0	0.7

Note: Motors with 1/4 in(6.35mm) shaft diameter are available.

Unit: mm 1inch=25.4mm



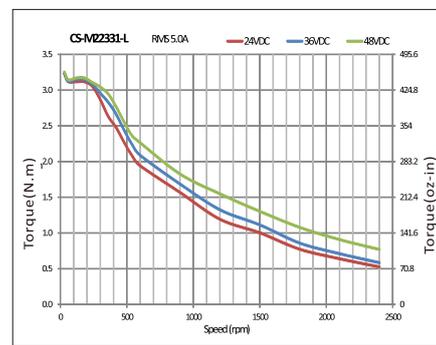
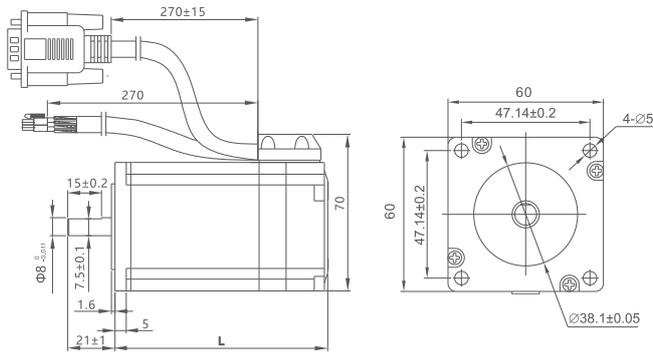
NEMA 23 (57mm)

Standard Models:



Model	Length (mm)	Holding Torque(N·m)	Rated Current (A)	Inertia (Kg·cm ²)
CS-M22321-L	86	2.1	5.0	0.49
CS-M22331-L	105	3.1	5.0	0.69

Unit: mm 1inch=25.4mm



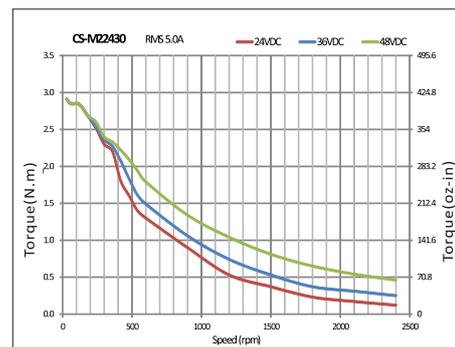
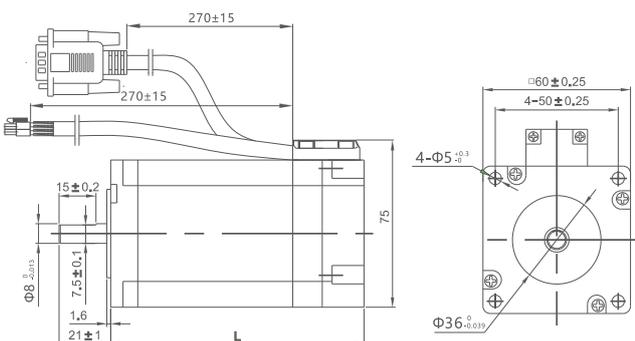
NEMA 24 (60mm)

Standard Models:



Model	Length (mm)	Holding Torque(N·m)	Rated Current (A)	Inertia (Kg·cm ²)
CS-M22422	86	2.2	5.0	0.49
CS-M22430	103	3.0	5.0	0.69

Unit: mm 1inch=25.4mm



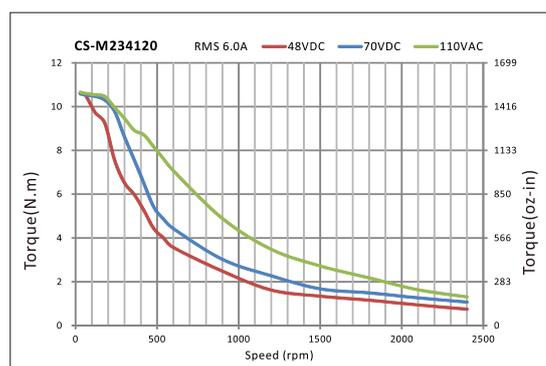
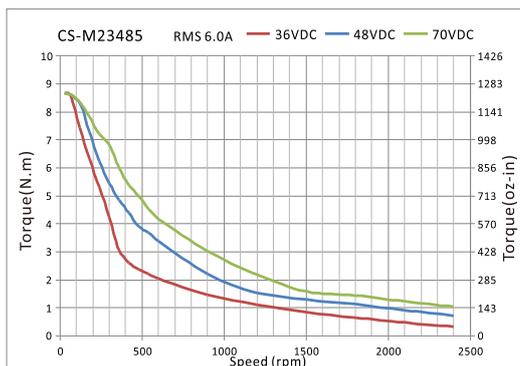
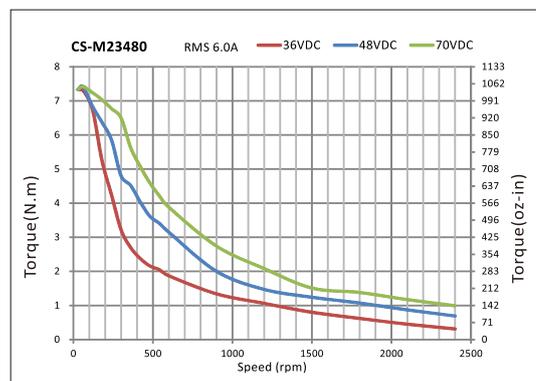
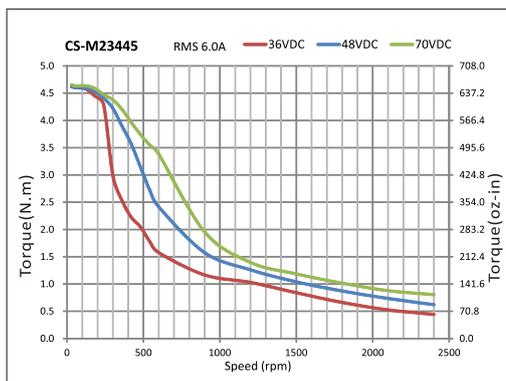
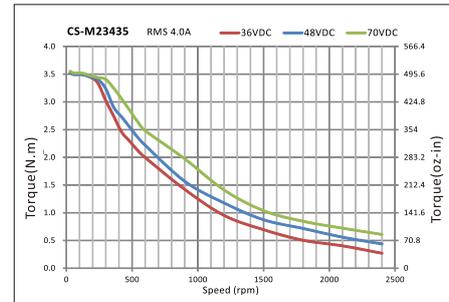
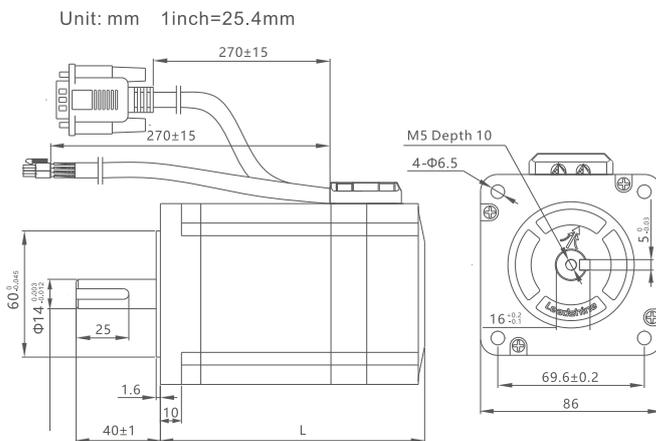
NEMA 34 (86mm)

Standard Models:



Model	Length (mm)	Holding Torque (N·m)	Rated Current (A)	Inertia (Kg·cm ²)
CS-M23435	95	3.5	4.0	1.0
CS-M23445	109	4.5	6.0	1.95
CS-M23480	127	8.0	6.0	2.5
CS-M23485	147	8.5	6.0	2.8
CS-M234120	158	12.0	6.0	3.0

Note: Motors with 1/2 in(12.7mm) shaft diameter are available.



3-phase: NEMA 34, 42

Standard Models:

Model	Length (mm)	Holding Torque (N·m)	Rated Current (A)	Inertia (Kg·cm ²)
ES2-MH33480	158	8.0	6.0	3.0
ES2-MH334100	185	10.0	6.0	3.0
ES2-MH342120	162	12.0	4.2	10.8
ES2-MH342200	244	20.0	5.2	17

Unit: mm 1inch=25.4mm

