

MEL57AH DC Brushless Motor

● General Information

- 14 poles with three phases
- Designed for low speed applications
- Sintered Neo Magnet
- NEMA 23 flange available
- Insulation class B, higher insulation class on request

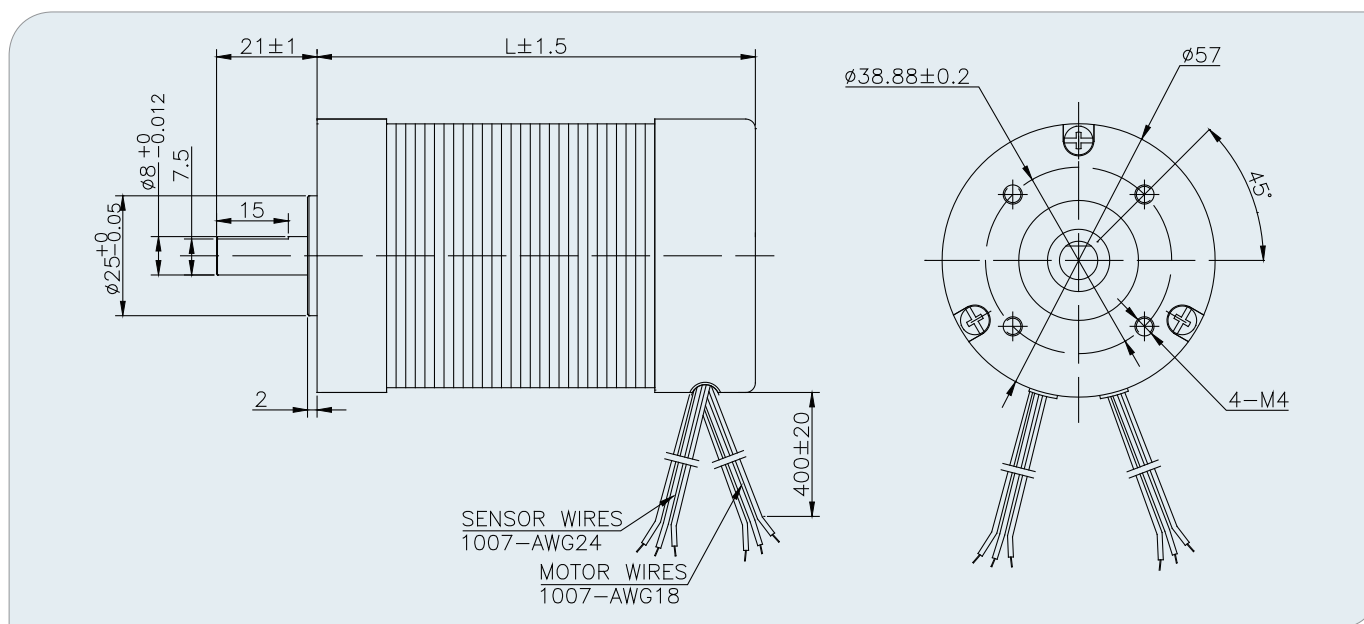


● Specification

Specification	Unit	MEL57AH100	MEL57AH200	MEL57AH300
Voltage	Vdc	24	24	24
Rated Speed	rpm	1000	1000	1000
Rated Torque	Nm	0.23	0.46	0.7
Rated Current	A	1.3	2.6	3.9
Rated Power	W	24	48	72
Peak Torque	Nm	0.69	1.35	2.1
Peak Current	A	3.9	7.8	11.7
Ke(RMS)	V/Krpm	12	12	12
Rotor Inertia	Kgm^2	9.04E-06	1.69E-05	2.49E-05
Resistance	Ohms	2.8	1.1	0.95
Inductance	mH	2.6	1.0	0.9
Poles		14	14	14
Weight	Kg	0.5	0.75	1
Motor Length	mm	51	71	91

MEL57AH

Mechanical



Characteristic diagram

