

ME060AS

DC Brushless Motor



● General information

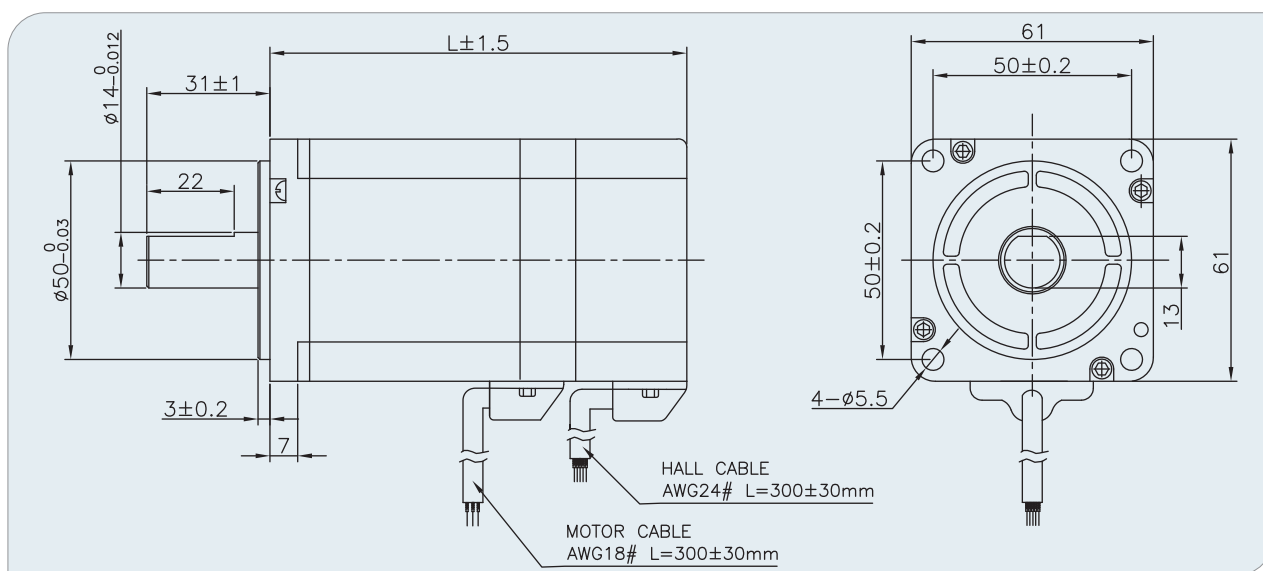
- 8 poles with three phases
- 12 slots design for low cogging
- Insulation class B, higher insulation class on request
- Multiple Lines of encoder available
- Sintered Neo Magnet

● Specifications

SPECIFICATION		Unit	ME060AS100	ME060AS200	ME060AS300
Supply Voltage (reference)	(Vs)	Vdc	24	24	24
Rated Continuous Torque	(Tcr)	Nm	0.25	0.50	0.75
Rated Speed at Cont. Torque	(Scr)	rpm	3000	3000	3000
Rated Continuous Stall Current	(Ics)	A	6.54	10.96	16.35
Rated Continuous Output Power	(Po,c)	W	80	162	242
Rated Peak Torque	(Tpr)	Nm	0.88	1.62	2.42
Rated Peak Current	(Ipr)	A	17.95	32.02	47.8
Torque Constant	(KT)	Nm/A	0.0539	0.0539	0.0539
Voltage Constant	(KE)	V/krpm	5.64	5.64	5.64
Terminal Resistance	(Rmt)	Ω	0.45	0.22	0.12
Inductance	(L)	mH	0.55	0.29	0.14
Insulation Class			B	B	B
Rotor Inertia	(Jr)	Kg.m ²	4.50E-05	8.50E-05	1.70E-04
Motor Weight	(Wm)	Kg	0.85	1.25	1.70
Motor Length	(Lm)	mm	78	99	120

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● Mechanical



● Characteristic diagram

