

ME130AS

DC Brushless Motor



● General information

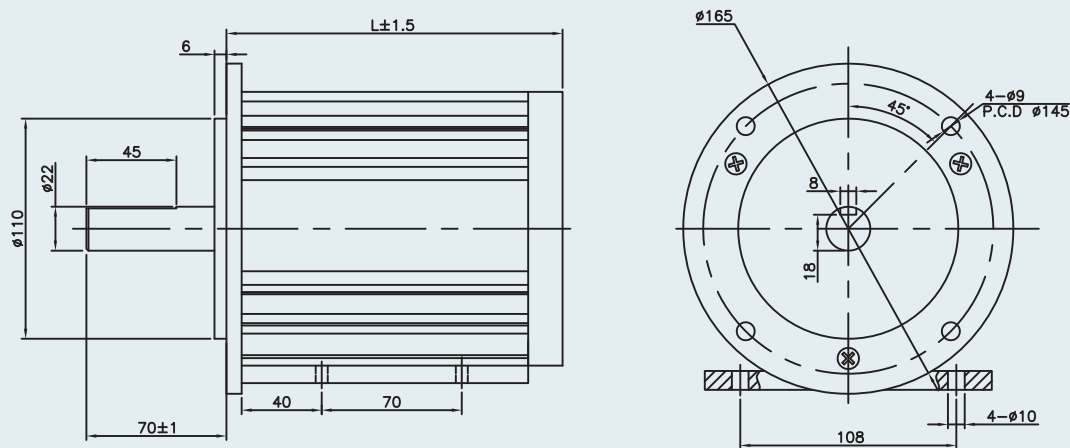
- 8 poles with three phases
- 24 slots design for low cogging
- Insulation class B, higher insulation class on request
- Sintered Neo Magnet
- Aluminum housing
- Nema mounting frame for AC motor replacement available.

● Specifications

SPECIFICATION		Unit	ME130AS100	ME130AS200	ME130AS300
Supply Voltage (reference)	(Vs)	Vdc	48	48	48
Rated Continuous Torque	(Tcr)	Nm	2.00	4.00	6.00
Rated Speed at Cont. Torque	(Scr)	rpm	1500	1500	1500
Rated Continuous Stall Current	(Ics)	A	9.00	17	25
Rated Continuous Output Power	(Po,c)	W	315	629	942
Rated Peak Torque	(Tpr)	Nm	6.00	12.00	18.00
Rated Peak Current	(Ipr)	A	25.00	48	72
Torque Constant	(KT)	Nm/A	0.2567	0.2567	0.2567
Voltage Constant	(KE)	V/krpm	26.87	26.87	26.87
Terminal Resistance	(Rmt)	Ω	0.24	0.09	0.05
Inductance	(L)	mH	1.37	0.54	0.29
Insulation Class			B	B	B
Rotor Inertia	(Jr)	Kg.m ²	5.80E-04	1.00E-03	1.36E-03
Motor Weight	(Wm)	Kg	5.20	7.60	10.00
Motor Length	(Lm)	mm	105	135	165

ME130AS

● Mechanical



● Characteristic diagram

