

# MBL060AS

## DC Brushless Motor

### ● General Information

- 8 Poles with 3 Phases
- 12 Slot Design for Low Cogging
- Insulation Class B; Higer Insulation on Request
- Multiple Encoder Lines Available
- Sintered Neo Magnet

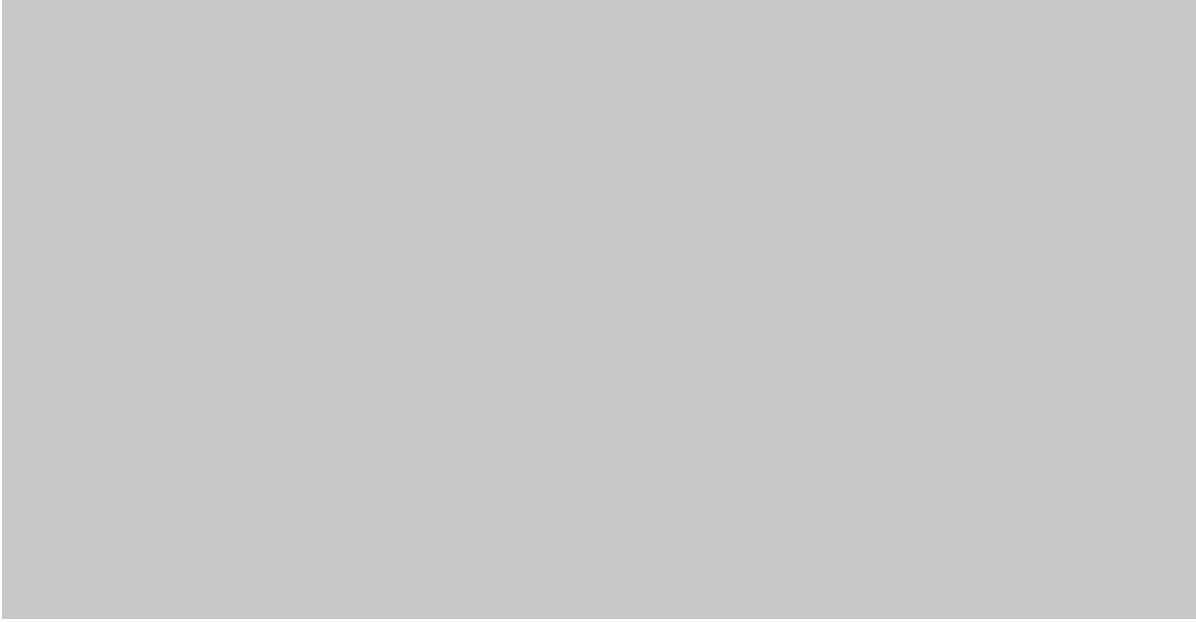


### ● Specifications

Specification	MBL060AS100	MBL060AS200	MBL060AS300
Supply Voltage (VDC)	24	24	24
Rated Continuous Torque (Nm)	0.25	0.5	0.75
Rated Speed at Cont. Torque (RPM)	3000	3000	3000
Rated Continuous Stall Current (A)	6.54	10.96	16.35
Rated Continuous Output Power (W)	80	162	242
Rated Peak Torque (Nm)	0.88	1.62	2.42
Rated Peak Current (A)	17.95	32.02	47.8
Torque Constant (Nm/A)	0.0539	0.0539	0.0539
Voltage Constant (V/KRPM)	5.64	5.64	5.64
Terminal Resistance (OHMS)	0.45	0.22	0.12
Inductance (mH)	0.55	0.29	0.14
Insulation Class	B	B	B
Rotor Inertia (Kg.m <sup>2</sup> )	4.5E-05	8.5E-05	1.7E-04
Weight (Kg)	0.85	1.25	1.7
Length (mm)	78	99	120

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- *Mechanical*



- *Characteristic Diagram*

