

Brushless DC Geared Motor

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Motor • Fan • Controller

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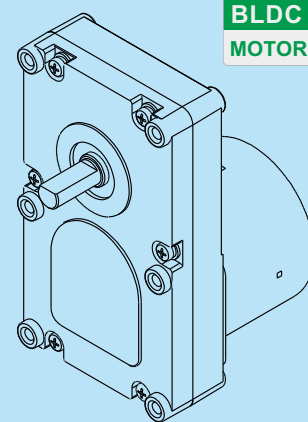
FA-BL60

Features

- Long durability
- Ball bearing construction
- Die cast aluminum gear box
- Integrated controller with kinds of protection
- Customized service

Applications

- Commercial food equipment
- Pellet stove
- Pumps
- Custom solutions

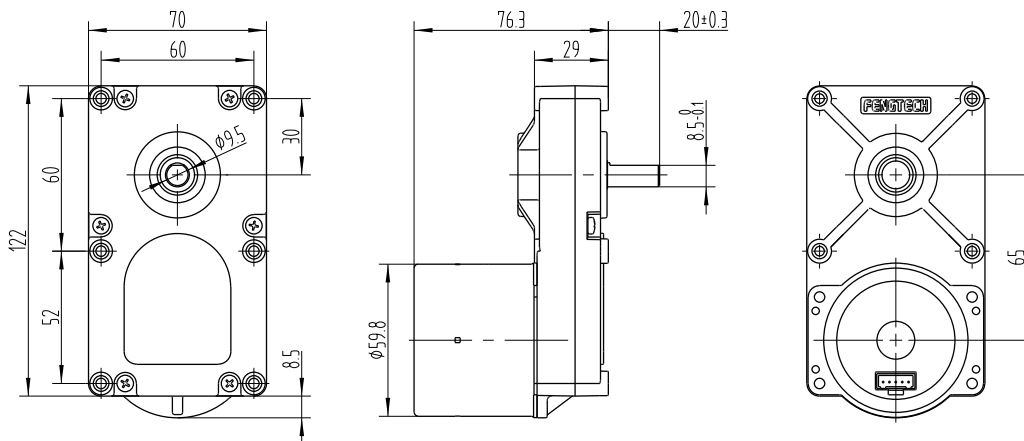


BLDC
MOTOR

PWM
RS-485

SPEED
Adjust

Drawings



Specifications

ITEM	SPECIFICATION
Input Voltage	12 or 24 VDC
Input Power	10 ~ 30 W
Speed Range	0 ~ 2800 RPM
Output Power	5 ~ 15 W
Tachometer	9 PPR
Rotate Direction	Bi-directional
Current Limit	1.0 ~ 3.0 A

Safety

ITEM	SPECIFICATION
Insulation Resistance	100 M ohm
Insulation Class	Class E
Electric Strength	DC500V 1sec.
Environment	Temp: -20 ~ 45°C / Humidity: <85%
Protection	Impedance or thermal protection
Certification	CE CCC RoHS

STANDARD MOTOR SPEED (NO-LOAD)

1000	1500	2000	2800			

STANDARD GEAR RATIO

103:1	123:1	144:1	210:1	205:1	267:1	345:1
362:1	828:1	504:1	640:1	903:1		

INTEGRATED CONTROLLER WIRING

PIN	COLOR	SYMBOL	DESCRIPTION
1	RED	VCC	Input power
2	YELLOW	Vsp	Speed control input
3	GREEN	DIR / A	Direction of rotation / 485 BUS A
4	WHITE	FG / B	Rotation speed output / 485 BUS B
5	BLACK	GND	Power ground

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