

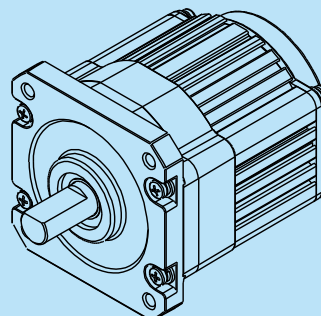
■ FN-BL70

Features

- Extreme Long durability
- Ball bearing construction on both rotor and shaft
- Needle bearing & nylon bearing for gear train
- Customized service
- Controller with RS-485 interface available

Applications

- Commercial ice cream equipment
- Pellet stove
- Pumps
- Custom solutions

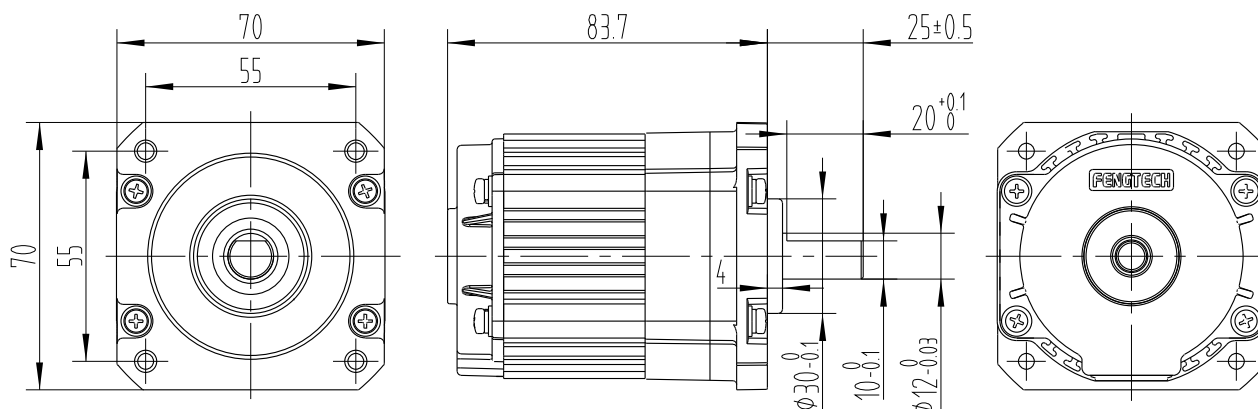


BLDC
MOTOR

PWM
RS-485

SPEED
Adjust

Drawings



Specifications

ITEM	SPECIFICATION
Input Voltage	12 or 24 VDC
Input Power	10 ~ 80 W
Speed Range	0 ~ 3500 RPM
Output Power	6 ~ 50 W
Tachometer	9 PPR
Rotate Direction	Bi-directional
Current Limit	1.0 ~ 5.0 A

STANDARD MOTOR SPEED (NO-LOAD)						
1000	1500	2000	2800	3500		

STANDARD GEAR RATIO						
8.6:1	10:1	29:1	50:1			

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

INTEGRATED CONTROLLER WIRING			
PIN	COLOR	SYMBOL	DESCRIPTION
1	RED	VCC	Input power
2	RED	VCC	Input power
3	GREEN	Vsp / A	Speed control input / 485 BUS A
4	WHITE	DIR / B	Direction of rotation / 485 BUS B
5	BLACK	GND	Power ground
6	BLACK	GND	Power ground