

Ningbo BG Motor Factory

BG Motor



Company motto : Drive the world forward

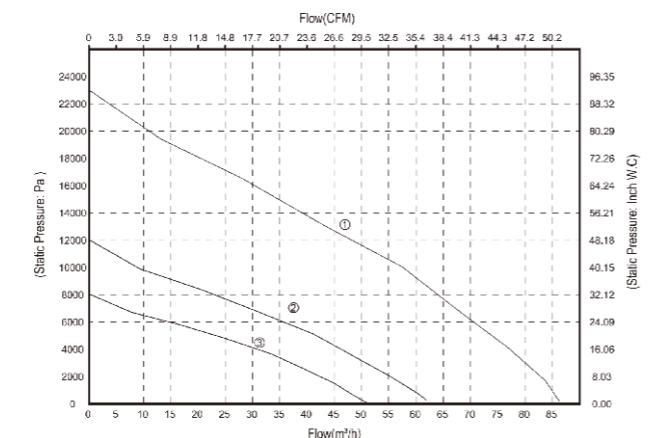
BG26 series | 2.6英寸低压高转速无刷直流风机

2.6" Low voltage high speed brushless DC fan



应用领域 Application

通风/排烟	Fume/Smoke extraction
真空用工具	Vacuum tool
喷雾器	Sprayer
医疗设备	Medical equipment
手持吸尘器	handheld vacuum cleaner
包装设备	packaging unit



特点 Feature

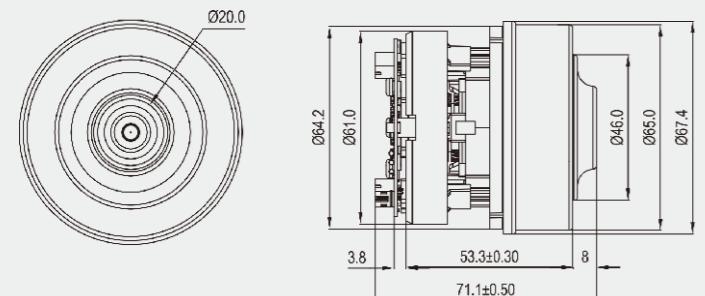
高效节能、体积小、信号反馈，转速调控，低电压，可电池供电
High efficiency and energy saving, Small size,
Signal feedback, Speed regulation, Low voltage,
Low voltage, Battery powered

100%校准及工厂出厂检测
100% calibration and factory inspection

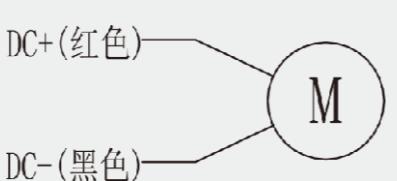
技术参数 Technical Data

型号 Model	特性曲线 Characteristic curve	电压 Voltage	最大输入功率 Max. Input power	最大风量 Max. Air flow	最大吸力 Max. Vacuum	最大转速 Max. Speed	速度控制 Speed Control	绝缘等级 Insulation class	噪音 noise	净重 Net weight
		VDC	W	m³/h CFM	kPa	inH₂O	r/min		dB	kg
BG26-350-FX01	①	22.2	350	80 47	22.5	90	90000	ON-OFF/PWM	① F	86 0.26
BG26-150-FX01	②	22.2	150	61.9 36	12	48	68000	ON-OFF/PWM	② F	82 0.26
BG26-100-FX01	③	22.2	100	51 30	8	32	55000	ON-OFF/PWM	③ F	79 0.26

尺寸Dimensions



接线图Wiring diagram



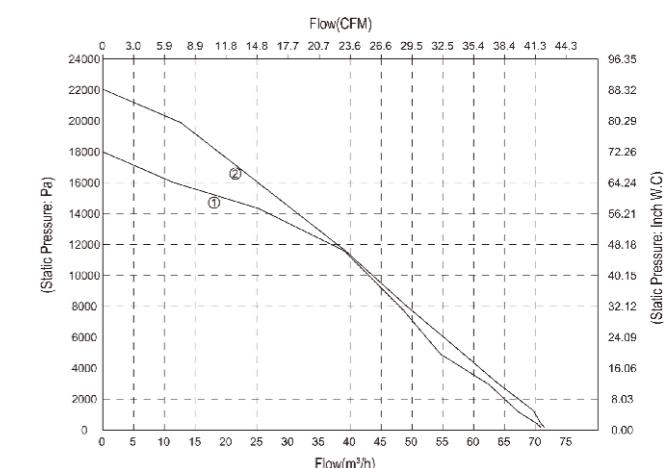
BG36 series | 3.6英寸旁管式无刷直流风机

3.6" Peripheral by pass brushless DC fan



应用领域 Application

通风/排烟	Fume/Smoke extraction
真空用工具	Vacuum tool
燃料电池	Fuel cell
医疗设备	Medical equipment
手持吸尘器	handheld vacuum cleaner



特点 Feature

高效节能、低噪音、寿命长、信号反馈，转速调控，低电压，可电池供电。

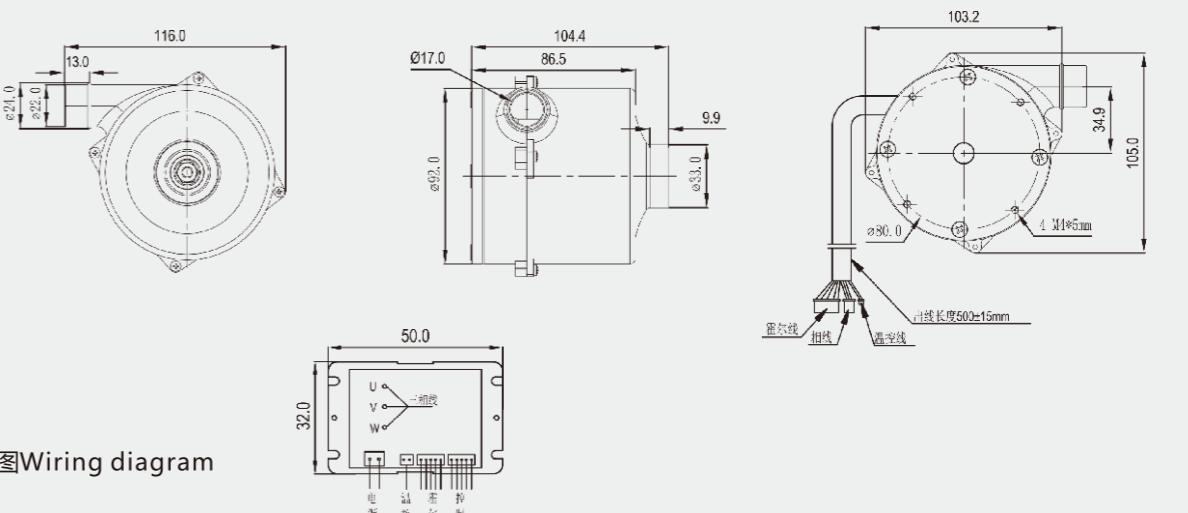
High efficiency and energy saving, Low noise, Long life, Signal feedback Speed regulation, Low voltage, Battery powered

100%校准及工厂出厂检测
100% calibration and factory inspection

技术参数 Technical Data

型号 Model	特性曲线 Characteristic curve	电压 Voltage	最大输入功率 Max. Input power	最大风量 Max. Air flow	最大吸力 Max. Vacuum	最大转速 Max. Speed	速度控制 Speed Control	绝缘等级 Insulation class	噪音 noise	净重 Net weight
		VDC	W	m³/h CFM	kPa	inH₂O	r/min		dB	kg
BG36-350-FZ01	①	24	350	71.4 42	17	68	30000	0-5VDC	① F	82 0.90
BG36-320-FZ01	②	36	320	71 42	22	88	35000	0-5VDC	② F	85 0.90

尺寸Dimensions



接线图Wiring diagram

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BG43 series | 4.3英寸直通式无刷直流风机

4.3" Through flow brushless DC fan



应用领域 Application

通风/排烟	Fume/Smoke extraction
吸尘器	Vacuum cleaner
喷雾器	Sprayer
干手器	Hand dryer

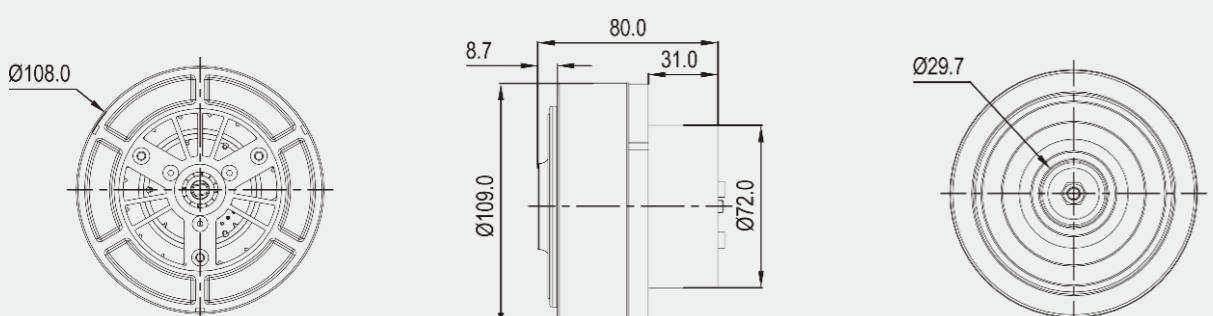
特点 Feature

高效节能、高负压，穿透式强制散热，寿命长、信号反馈，转速调控，低电压，可电池供电。
High efficiency and energy saving, High negative pressure, Penetrating forced heat dissipation Long life, Signal feedback, Speed regulation, Low voltage, Battery powered
100%校准及工厂出厂检测
100% calibration and factory inspection

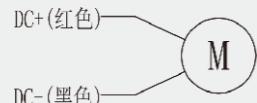
技术参数 Technical Data

型号 Model	特性曲线 Characteristic curve	电压 Voltage	最大输入功率 Max. Input power	最大风量 Max.Air flow	最大吸力 Max.Vacuum	最大转速 Max.Speed	速度控制 Speed Control	绝缘等级 Insulation class	噪音 noise	净重 Net weight
		VDC	W	m³/h CFM	kPa	inH ₂ O	r/min		dB	kg
BG43-350-FX01	①	24	350	120	71	19	76	34350	0-5VDC	F
BG43-500-FX01	②	36	500	138	81	18	72	32500	0-5VDC	F
BG43-600-FX01	③	48	600	150	88	20	80	35250	0-5VDC	F

尺寸Dimensions



接线图Wiring diagram



BG51 series | 5.1英寸直通式无刷风机

5.1" Through flow brushless blower



应用领域 Application

通风/排烟	Fume/Smoke extraction
喷雾器	Sprayer
干手器	Hand dryer
牙科医疗设备	Dental equipment
护理设备	Care equipment
激光加工机床	Laser machine

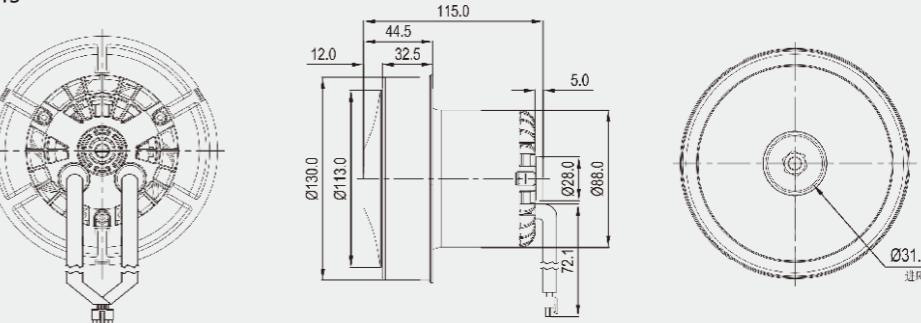
特点 Feature

高效节能、高负压，穿透式强制散热，寿命长、信号反馈，转速调控
High efficiency and energy saving, High negative pressure, Penetrating forced heat dissipation Long life, Signal feedback, Speed regulation
100%校准及工厂出厂检测
100% calibration and factory inspection

技术参数 Technical Data

型号 Model	特性曲线 Characteristic curve	电压 Voltage	频率 Frequency	最大输入功率 Max. Input power	最大风量 Max.Air flow	最大吸力 Max.Vacuum	最大转速 Max Speed	速度控制 Speed Control	绝缘等级 Insulation class	噪音 noise	净重 Net weight
BG51-400-FX01	⑤	230	50/60	330	138	81	9	36	PWM/0-5VDC	F	86 0.65
BG51-500-FX01	①	230	50/60	500	180.0	106	20.5	82	PWM/0-5VDC	F	91 0.70
BG51-800-FX01	②	120	50/60	800	204.0	120	26.3	105	PWM/0-5VDC	F	96 1.30
BG51-800-FX02	③	230	50/60	800	210.0	124	27.5	110	PWM/0-5VDC	F	96 1.30
BG51-1000-FX01	④	230	50/60	1000	222.0	131	29.3	117	PWM/0-5VDC	F	97 1.30
BG51-1200-FX01	⑥	230	50/60	1200	210	124	28	112	PWM/0-5VDC	F	98 1.30
BG51-1400-FX01	⑦	110	50/60	1400	95	56	25	100	PWM/0-5VDC	F	92 1.30
BG51-1600-FX01	⑧	230	50/60	1600	102	60	26.4	106	PWM/0-5VDC	F	95 1.30

尺寸Dimensions



接线图Wiring diagram



No.	功能	颜色	No.	功能	颜色
1	空		6	空	
2	相线	红	7	地线	白
3	相线	黄	8	地线	绿
4	相线	绿	9	地线	黄
5	空		10	正极	红

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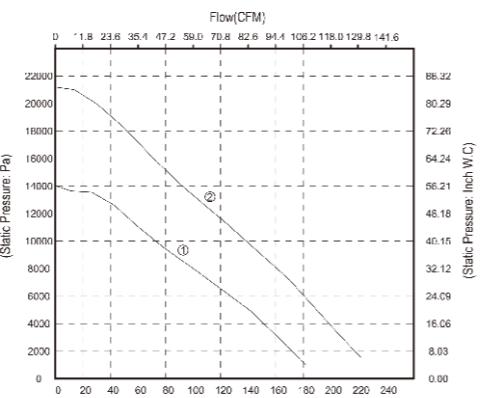
BG57B series | 5.7 英寸旁管式无刷风机

5.7" Tangential by pass brushless blower



应用领域 Application

通风/排烟	Fume/Smoke extraction
喷雾器	Sprayer
灭菌器	Sterilizer
医疗设备	Medical equipment
护理设备	Care equipment
激光加工机床	Laser machine
环保设备	Environmental protection equipment
印刷设备	Printing Machine
锂电设备	Lithium electricity equipment



特点 Feature

高效节能、高负压，侧出风，寿命长、驱动内置，信号反馈，速度调控
High efficiency and energy saving, High negative pressure, Side air outlet, Long life, Built in drive, Signal feedback, Speed regulation

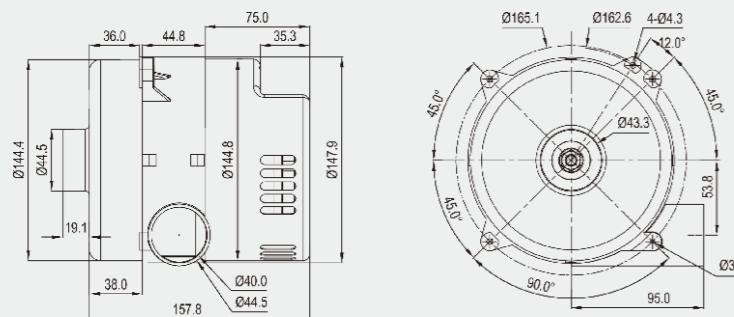
100%校准及工厂出厂检测

100% calibration and factory inspection

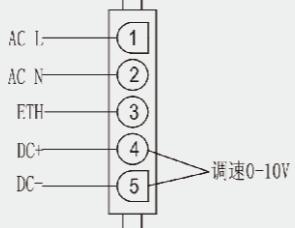
技术参数 Technical Data

型号 Model	特性曲线 Characteristic curve	电压 Voltage	频率 Frequency	最大输入功率 Max. Input power	最大风量 Max. Air flow	最大吸力 Max.Vacuum		最大转速 Max.Speed	速度控制 Speed Control	绝缘等级 Insulation class	噪音 noise	净重 Net weight
						m³/h	CFM					
		VAC	Hz	W	m³/h CFM	kPa inH₂O	r/min			dB	kg	
BG57-600-FZB1	①	230	50/60	600	174 102	14.1 56	14000	PWM/0-10VDC	F	92	2.50	
BG57-1200-FZB1	②	230	50/60	1200	210 124	21.4 86	14000	PWM/0-10VDC	F	92	2.50	

尺寸Dimensions



接线图Wiring diagram



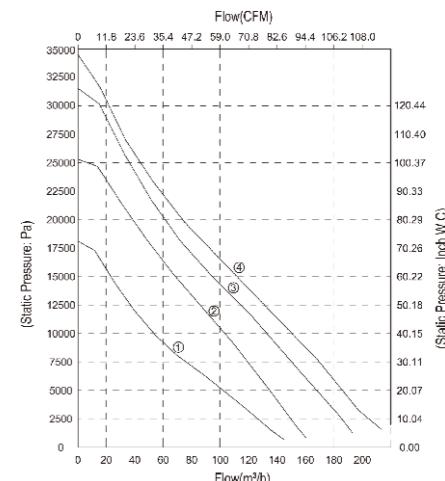
BG60Z series | 6.0 英寸旁管式无刷风机

6.0" Tangential by pass brushless blower



应用领域 Application

通风/排烟	Fume/Smoke extraction
喷雾器	Sprayer
牙科医疗设备	Dental equipment
护理设备	Care equipment
激光加工机床	Laser machine
灭菌器	Sterilization equipment



特点 Feature

高效节能、高负压，侧出风，寿命长、信号反馈，转速调控
High efficiency and energy saving, High negative pressure, Side air outlet, Long life, Signal feedback, Speed regulation

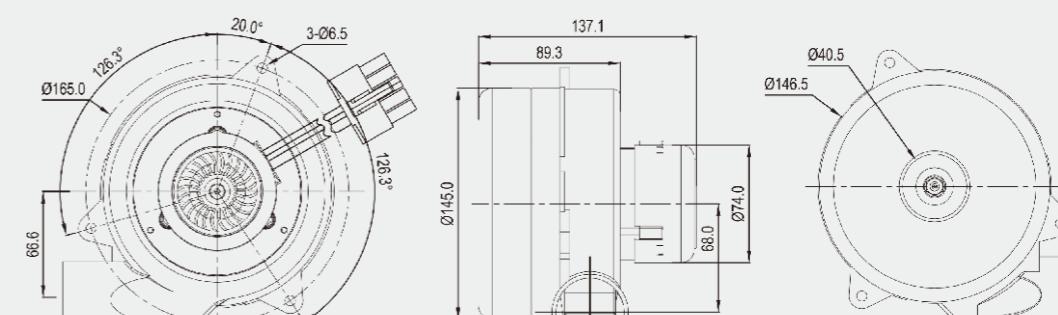
100%校准及工厂出厂检测

100% calibration and factory inspection

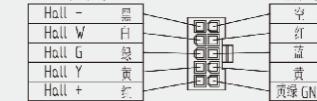
技术参数 Technical Data

型号 Model	特性曲线 Characteristic curve	电压 Voltage	频率 Frequency	最大输入功率 Max. Input power	最大风量 Max.Air flow	最大吸力 Max.Vacuum	最大风量 Max.Air flow	最大吸力 Max.Vacuum	最大转速 Max.Speed	速度控制 Speed Control	绝缘等级 Insulation class	噪音 noise	净重 Net weight
		VAC	Hz	W	m³/h CFM	kPa inH₂O	Pa inH₂O	r/min				dB	kg
BG60-500-FZ01	①	230	50/60	500	145 85	18 73	73 20580	PWM/0-5VDC	F	88	2.60		
BG60-800-FZ01	②	230	50/60	800	156 92	25 100	100 25400	PWM/0-5VDC	F	91	2.60		
BG60-1200-FZ01	③	230	50/60	1200	174 102	28 112	112 28500	PWM/0-5VDC	F	92	2.60		
BG60-1600-FZ01	④	230/380	50/60	1600	213 125	34 136	136 30940	PWM/0-5VDC	F	95	2.60		

尺寸Dimensions



接线图Wiring diagram



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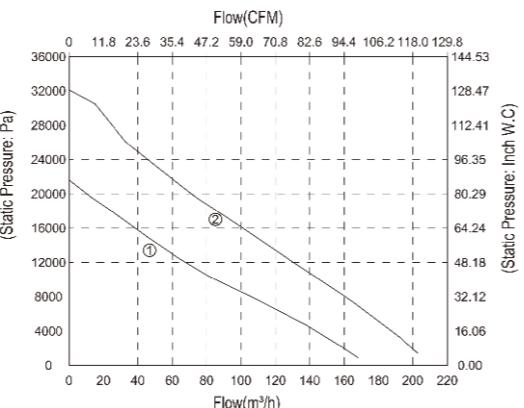
BG60Y Series | 6.0 英寸旁通式无刷风机

6.0" Peripheral by pass brushless blower



应用领域 Application

通风/排烟	Fume/Smoke extraction
喷雾器	Sprayer
牙科医疗设备	Dental equipment
护理设备	Care equipment
激光加工机床	Laser machine
灭菌器	Sterilization equipment



特点 Feature

高效节能、高负压，侧出风，寿命长、信号反馈，转速调控
High efficiency and energy saving, High negative pressure, Side air outlet, Long life, Signal feedback, Speed regulation

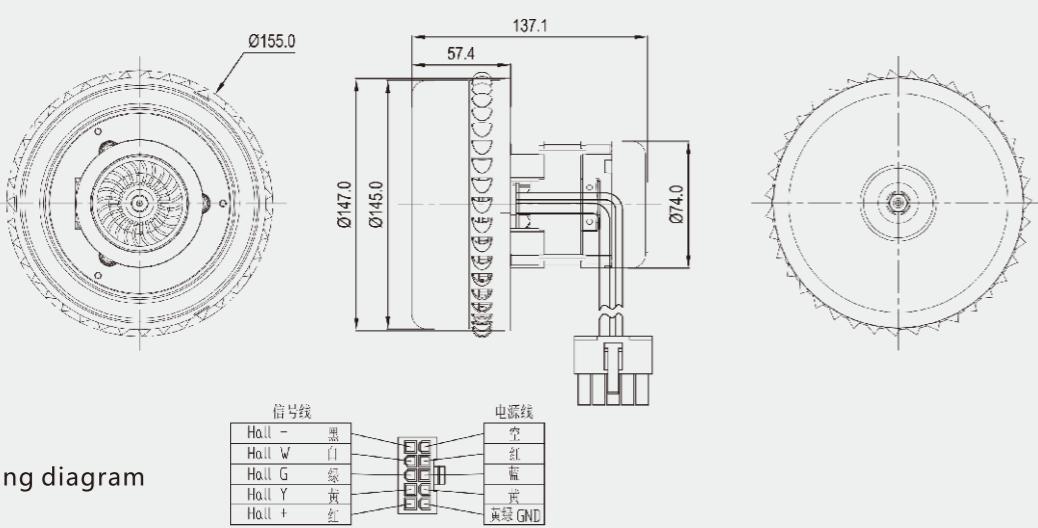
100%校准及工厂出厂检测

100% calibration and factory inspection

技术参数 Technical Data

型号 Model	特性曲线 Characteristic curve	电压 Voltage	频率 Frequency	最大输入功率 Max. Input power	最大风量 Max. Air flow	最大吸力 Max. Vacuum	最大转速 Max. Speed	速度控制 Speed Control	绝缘等级 Insulation class	噪音 noise	净重 Net weight
		VAC	Hz	W	m³/h CFM	kPa inH ₂ O	r/min			dB	kg
BG60-800-FY01	①	230	50/60	800	150 88	25 100	22500	PWM 0-5VDC	F	93	2.60
BG60-1200-FY01	②	230	50/60	1200	200 118	32 128	28500	PWM 0-5VDC	F	98	2.60

尺寸Dimensions



接线图 Wiring diagram

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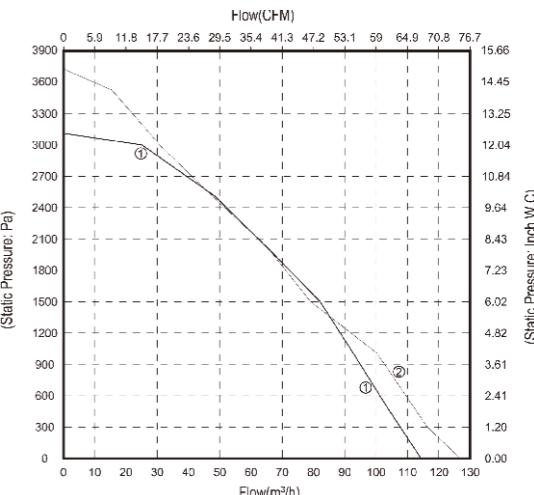
BG65 series | 6.5 英寸混合气体加热系统风机

6.5" Blower for Gas-Premix heating systems



应用领域 Application

通风/排烟	Fume/Smoke extraction
牙科医疗设备	Dental equipment
护理设备	Care equipment
壁挂炉、锅炉水加热等各类气体加热装置及食品处理设备	Wall-hanging stove, boiler water heating and other kinds of gas heating equipment and food processing equipment
Walls	Walls



特点 Feature

低噪音，高效节能，信号反馈，转速调控，驱动内置
Low noise, High efficiency and energy saving, Signal feedback, Speed regulation, Built in drive

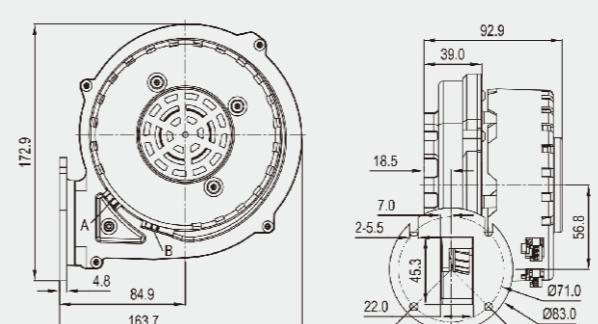
100%校准及工厂出厂检测

100% calibration and factory inspection

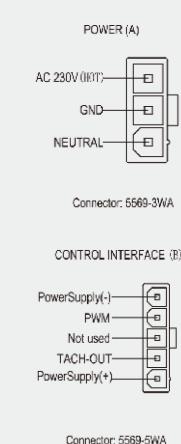
技术参数 Technical Data

型号 Model	特性曲线 Characteristic curve	电压 Voltage	频率 Frequency	最大输入功率 Max. Input power	最大风量 Max. Air flow	最大吸力 Max. Vacuum	最大转速 Max. Speed	速度控制 Speed Control	净重 Net weight
		VAC	Hz	W	m³/h CFM	kPa inH ₂ O	r/min		kg
BG65-110-FZ01	①	230	50/60	110	115 68	3 12	9700	ON-OFF / PWM	1.00
BG65-130-FZ01	②	230	50/60	130	127 75	3.7 15	11000	ON-OFF / PWM	1.00

尺寸Dimensions



接线图 Wiring diagram



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BG83 series | 8.0英寸混合气体加热系统风机

8.0" Blower for Gas-Premix heating systems



■ 应用领域 Application

通风/排烟	Fume/Smoke extraction
牙科医疗设备	Dental equipment
护理设备	Care equipment
空气净化设备	Air-purification equipment
壁挂炉、锅炉水加热等各类气体加热装置及食品处理设备	Wall-hanging stove, boiler water heating and other kinds of gas heating equipment and food processing equipment

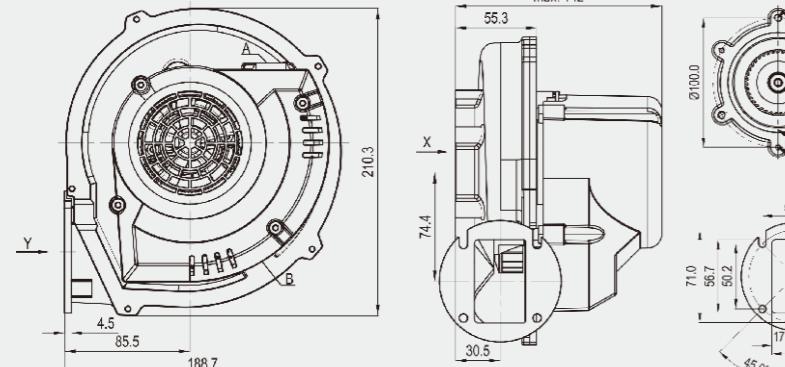
■ 特点 Feature

低噪音, 高效节能, 信号反馈, 转速调控, 驱动内置	Low noise, High efficiency and energy saving, Signal feedback, Speed regulation, Built in drive
无火花叶轮设计	Spark free impeller design
密封、铸铝风机外壳	Sealed and cast aluminum fan housing
密封球轴承	Sealed ball bearing
100%校准及工厂出厂检测	100% calibration and factory inspection

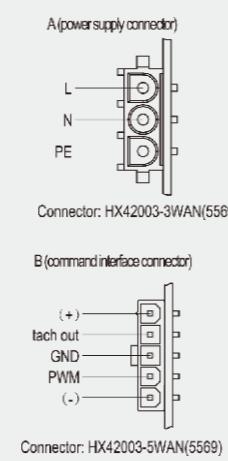
■ 技术参数 Technical Data

型号 Model	特性曲线 Characteristic curve	电压 Voltage	频率 Frequency	最大输入功率 Max. Input power	最大风量 Max.Air flow	最大吸力 Max.Vacuum	转速范围 (min,max)	速度控制 Speed Control	工作温度 Operating Temperature	绝缘等级 Insulation class	噪音 noise	净重 Net weight		
		VAC	Hz	W	m ³ /h	CFM	kPa	inH ₂ O	r/min	°C	dB	kg		
BG83-280-FZ01	①	230	50/60	280	270	158.9	5.2	20.9	950~10000	ON/OFF/ PWM	-15~50	F	83.5	2.20
BG83-340-FZ01	②	230	50/60	340	290	170.7	5.2	20.9	950~10000	ON/OFF/ PWM	-15~50	F	83.5	2.20

■ 尺寸Dimensions



■ 接线图Wiring diagram



BG154 series | 10.1英寸旁管式无刷风机

10.1 "Tangential by pass brushless blower



■ 应用领域 Application

通风/排烟 Fume/Smoke extraction
激光排烟设备 Laser machine

Wall-hanging stove, boiler water heating and other kinds of gas heating equipment and food processing equipment

■ 特点 Feature

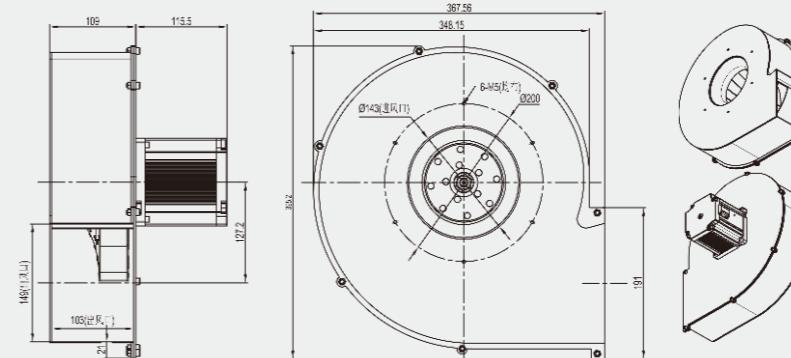
大风量、中负压、高效率、节能、寿命长、速度调控，信号反馈
High air volume, Medium negative pressure, High efficiency and energy saving, Long life, Speed regulation, Signal feedback

BG51-400-FX01

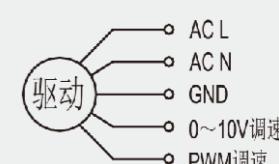
■ 技术参数 Technical Data

型号 Model	特性曲线 Characteristic curve	电压 Voltage	频率 Frequency	最大输入功率 Max. Input power	最大风量 Max.Air flow	最大吸力 Max.Vacuum	转速范围 (min,max)	速度控制 Speed Control	工作温度 Operating Temperature	绝缘等级 Insulation class	噪音 noise	净重 Net weight		
		VAC	Hz	W	m³/h	CFM	kPa	inH ₂ O	r/min		°C			
BG154-1200-FZ01	①	220/380	50/60	1300	1800	1059.4	4.5	18.0	1300~5900	0~10VDC/PWM	60	F	89	11.5

■ 尺寸Dimensions



■ 接线图Wiring diagram



本文件仅供参考，该标准产品性能数据的描述是在受控实验室条件下的典型性能。实际的性能取决于操作环境和不同的应用程序。博工电机保留修改产品的权利，并可为客户提供满足特定应用的产品定制。

This file is for reference only the performance data for the standard product is typical performance under controlled laboratory conditions. Actual performance depends on the operating environment and different applications. BG MOTOR reserve the right to modify the product, and we can provide customers with customized products to meet the specific application

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