



Material: Sheet aluminium

Type of protection: IP42

Approvals: CCC CE

Insulation class: B

型号 Type	曲线 Curve	额定电压 Nominal voltage	转速 Speed	输入功率 Power input	电流 Current draw	噪音 Sound pressure level	使用温度 Perm. amb. temp.
B3P310-DC102-001		[VDC]	[rpm]	[W]	[A]	[dB]	[℃]
	①	48	1960	230	4.8	69	-25~+60

Performance graph for the 10000 BTU/h unit. The graph plots Pressure Drop (Pa) on the Y-axis (0 to 600) against Flow Rate (CFM) on the X-axis (0 to 2400). Three curves are shown for different fan speeds: 100% SPEED (red), 85% SPEED (purple), and 70% SPEED (green). The pressure drop increases with flow rate and decreases with lower fan speeds. A circled '1' is present at the end of the 100% speed curve.

Flow Rate (CFM)	100% SPEED (Pa)	85% SPEED (Pa)	70% SPEED (Pa)
0	~650	~480	~320
400	~520	~380	~240
800	~420	~300	~180
1200	~340	~230	~120
1600	~280	~170	~70
2000	~220	~110	~30
2400	~160	~60	~10

信号名 SIGNAL	颜色 COLOR	规格 SPEC
Vs	红 RED	DC48V
Vsp	黄 YELLOW	0-10VDC/PWM
GND	蓝 BLUE	GND
TACH	白 WHITE	3 Pulse/R

Technical drawing of a centrifugal pump impeller, showing front, side, and detail views with dimensions in mm.

Front View:

- Rotation direction: Indicated by a curved arrow labeled "Rotation".
- 4-M5 螺纹孔深9mm (Depth of screw 9 mm)
- 4-90° (Four 90-degree segments)
- 45° (Angle of the impeller vane)
- Ø90 ± 0.35 (Impeller eye diameter)
- 4-1000 ± 20 (Four 1000 mm segments)
- 4- (85) (Four 85 mm segments)

Side View:

- 150 ± 2 (Total width)
- (107) (Internal width)
- (102) (Internal height)
- (Ø220) (Internal diameter)
- (Ø316) (External diameter)
- (101) (Internal width)
- (137) (Total width)

Detail View:

- 4-Ø4.5 通孔 (HOLE) (Four 4.5 mm holes)
- 30 ± 1 (Height of the detail view)
- P. C. D. 280 ± 1 (Pitch Circle Diameter)
- (Ø3000) (Pitch Circle Diameter)