

PRODUCT SPECIFICATION

TYPE	DC Single Inlet Blower
MODEL	SD-F120C-EC-00



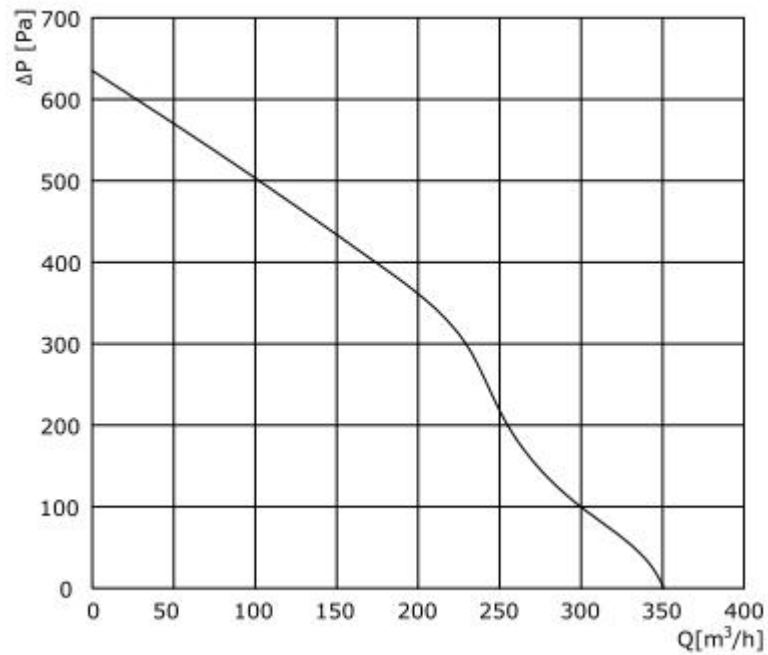
NOMINAL DATA

Phase	-	1~
Nominal Voltage	VDC	24
Frequency	Hz	/
Speed	RP M	3650
Power Input	W	75
Current	A	3.2
Sound Pressure Level	dBA	67
Valid For Approval/Standard		CCC,CE,ROHS
Min. Ambient Temperature	°C	-25
Max. Ambient Temperature	°C	60

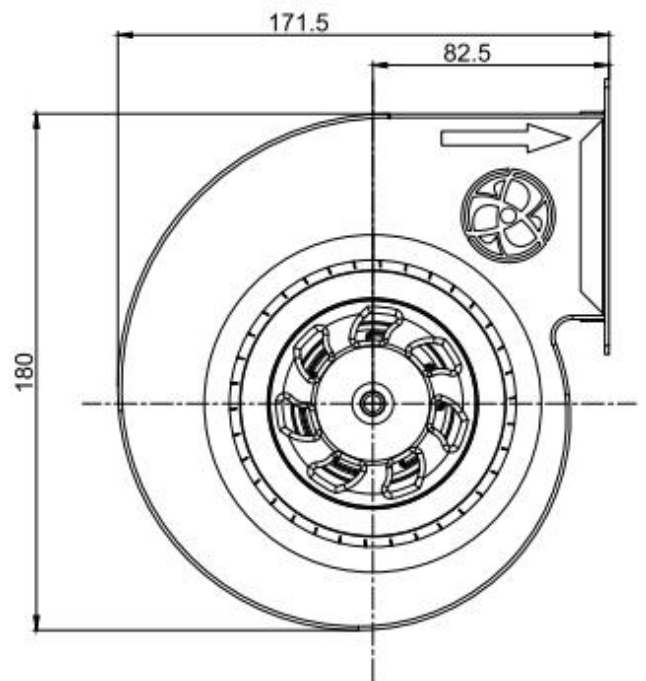
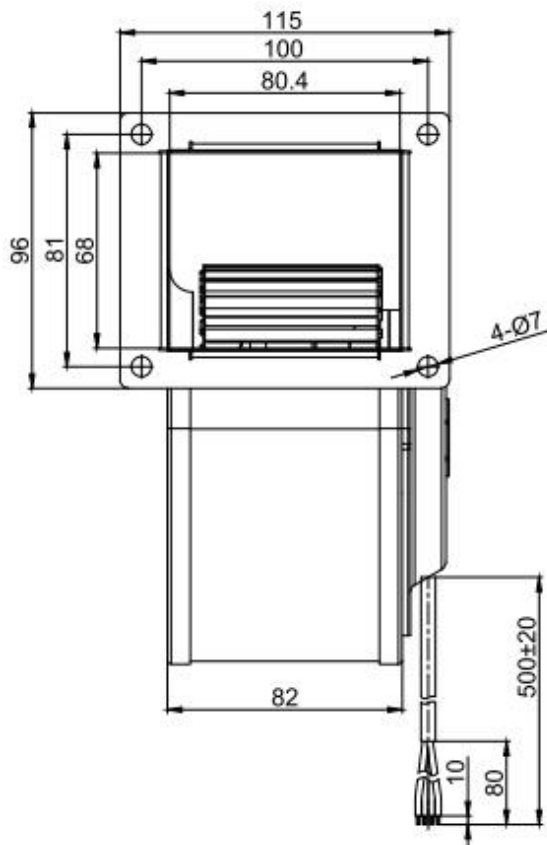
TECHNICAL FEATURES

Dimensions	171.5*180*115mm
Material Of Impeller	Steel
Direction Of Rotation	Clockwise, seen on rotor
Surface Of Rotor	Painting
Type of protection	IP55
Insulation Class	B
Operation Mode	S1
Motor Bearing	Ball bearing
Motor Protection	Blocking, thermal protection, high and low pressure protection
Length Of Cable	500±20mm
RoHS	All material accord with RoHS
Min./Max. Humidity	5% - 90% RH
Motor	External rotor EC motor
Deviation Of Impeller In Axial Direction	≤ 0.5 mm
Deviation Of Impeller In Radial Direction	≤ 0.5 mm

PERFORMANCE CURVES



DIMENSIONS DRAWING



ELECTRICAL CONNECTION DIAGRAM

Technical features

- | | |
|-----------------------------|-------------------------------|
| ★ Control input 0-10VDC/PWM | ★ Thermal overload protection |
| ★ Soft start | ★ Overcurrent protection |
| ★ Locked-rotor protection | ★ Undervoltage protection |
| ★ Low temperature start | ★ Overvoltage protection |

Line	Connection	Color	Function
Connection	U1	red	Power supply
	U2	blue	Protective earth
	U3 input 0-10V	yellow	Control input 0-10V or PWM
	U4 FG	white	Tacho output

