

Product Specification

Type	EC Backward Curved Centrifugal Fan with Grille
Model	KL-B225G-EC-M07

Basic Parameters

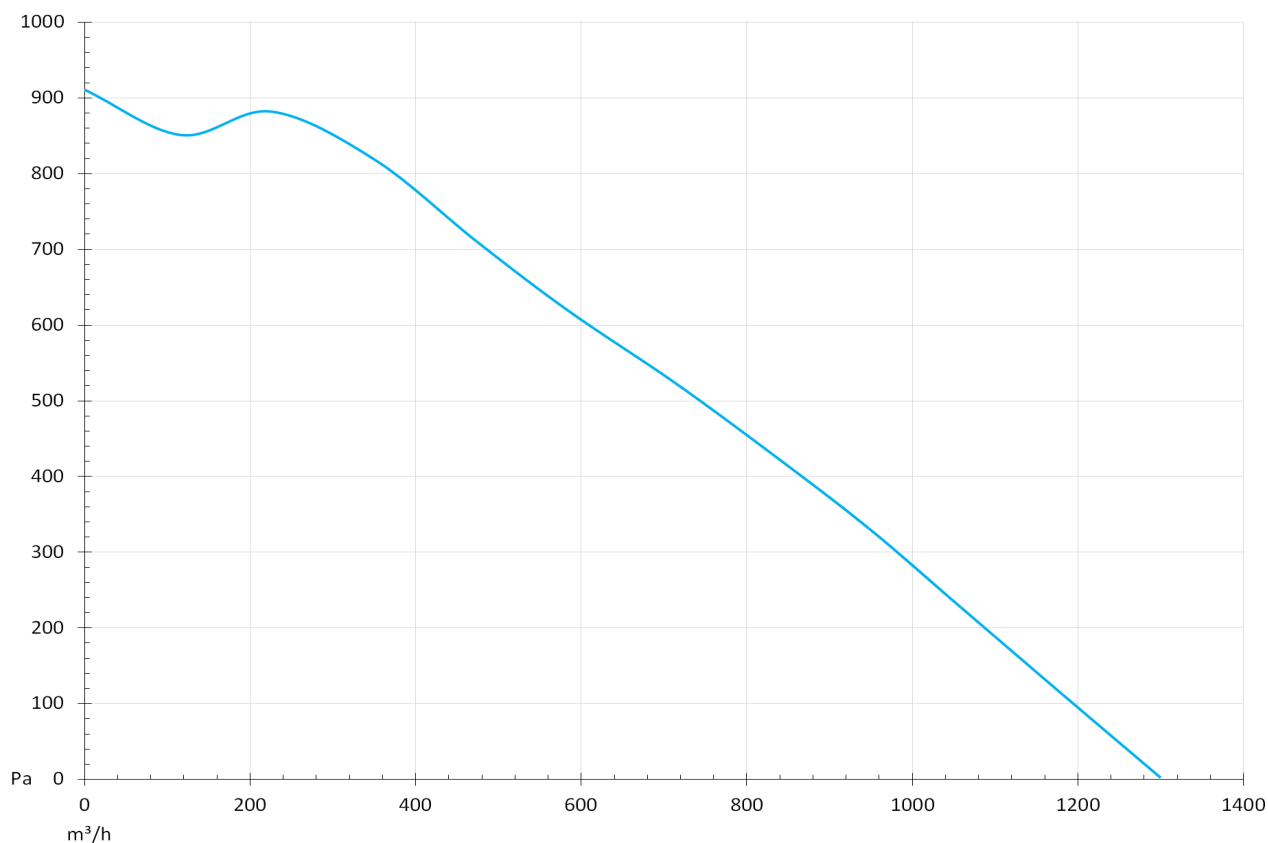
Phase	~	1
Rated Voltage	VAC	230
Frequency	Hz	50/60
Rated Speed	RPM	3200
Max. Input Power	W	240
Max. Input Current	A	1.95
Sound level	dBA	
Certification	~	CE, RoHS
Min. Ambient Temp.	°C	-25
Max. Ambient Temp.	°C	+60
Speed control	0 -10 V / PWM / Modbus (RS-485)	



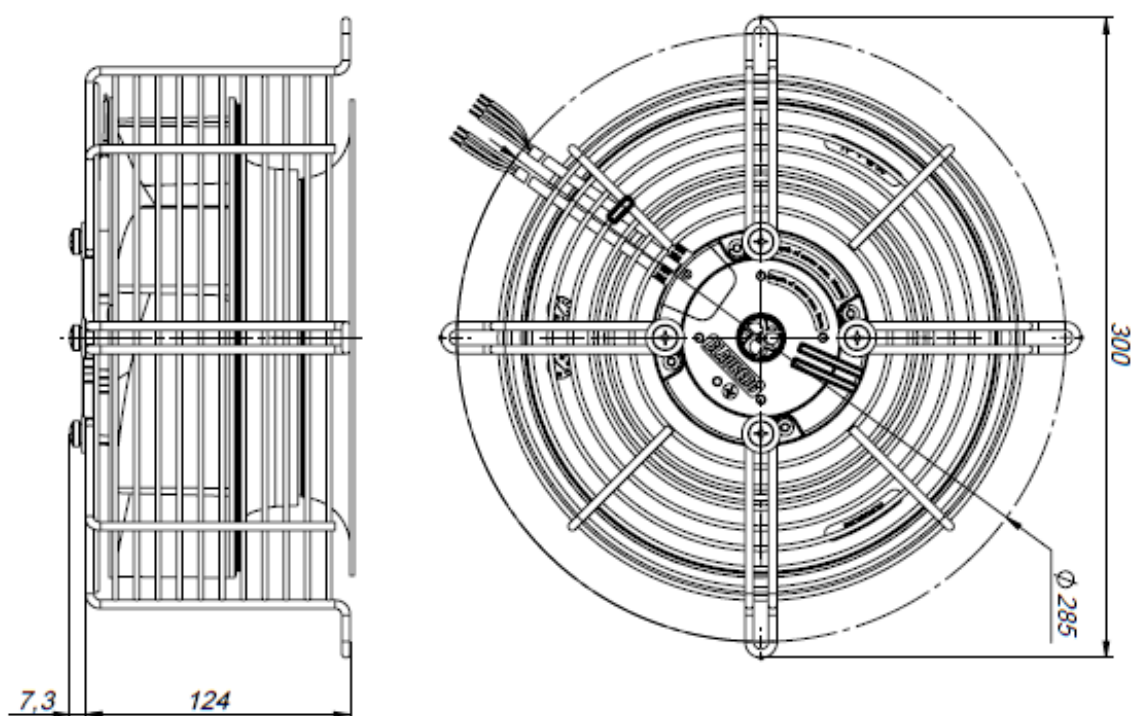
Technical Features

Dimensions	225 mm
Material of Impeller	PA plastic + 30% glass fiber
Direction of Rotation	Clockwise, Seen on Rotor
Surface of Rotor	Plastic Spraying
Type of Protection	IP55
Insulation Class	B
Operation Mode	S1
Bearing Type	Ball Bearing
Motor Protection	Locked Rotor Protection, Thermal Protection, Less and Excessive Voltage Protection, Overcurrent Protection, Soft Start
Length of Cable	500±20mm
RoHS	All Material According with RoHS
Min./Max. Humidity	5% - 90% RH
Motor Type	External Rotor EC Motor
Deviation of Impeller in Axial Direction	≤ 1 mm
Deviation of Impeller in Radial Direction	≤ 1 mm

Air Performance



Outline Drawing



Wiring Diagram

Line	Connection		Color	Function
Power Line	PE		Yellow / green	Protective Earth
	U1	L	Brown	Power supply, phase
	U2	N	Black	Power supply, phase
Control Line	U3	RSA	Brown	RS-485 interface for Modbus RSA, SELV
	U4	RSB	Gray	RS-485 interface for Modbus RSA, SELV
	U5	Input 0-10V /PWM	Yellow	Control input 0-10V or PWM
	U6	FG	White	Tacho output
	U7	+10V	Red	Voltage output 10VDC
	U8	GND	Blue	Reference ground for control interface, SELV

