

PRODUCT CARD 1-2-0294-7562

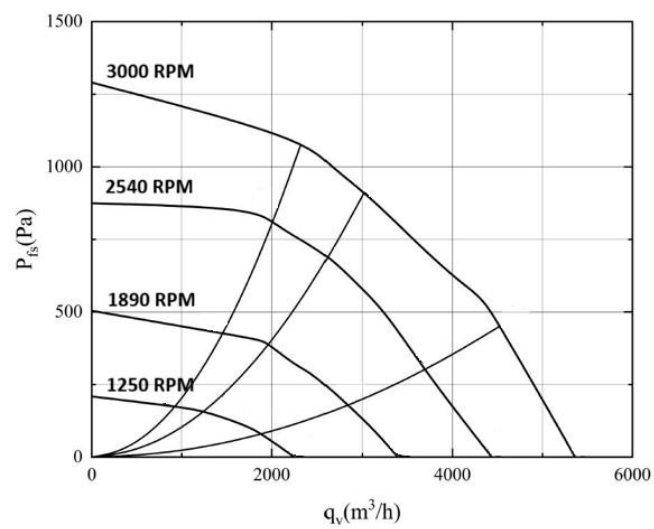
PLUG.FAN.ASM EC137/40D3G01-B315/100A2-11-Z (WG-315-1.2)



Rated data

Type	EC137/40D3G01-B315/100A2-11-Z	
Phase	3~	
Rated voltage	VAC	400
Rated voltage range	VAC	380 ~ 480
Frequency	Hz	50/60
Speed (rpm)	min-1	3000
Power	W	1200
Current	A	1.9
Minimum ambient temperature	°C	-40
Maximum ambient temperature	°C	60

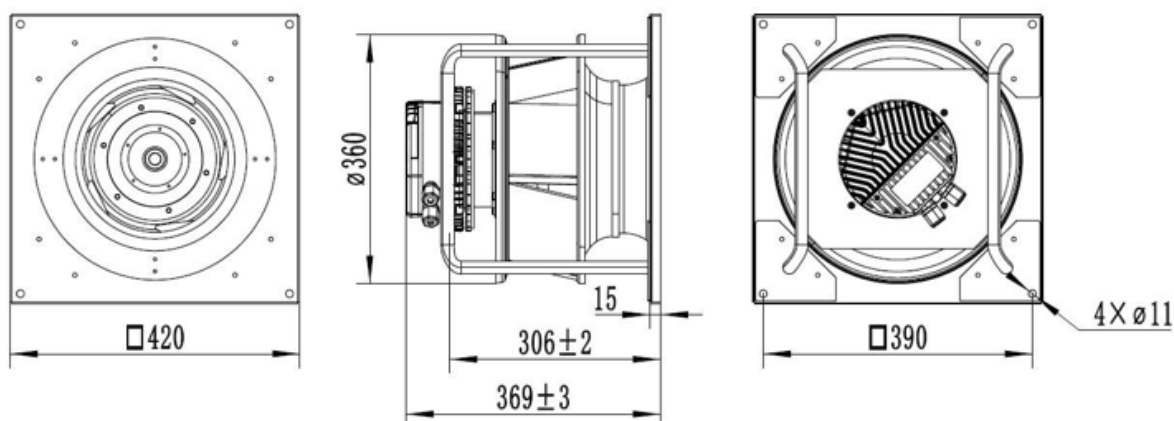
Performance curve



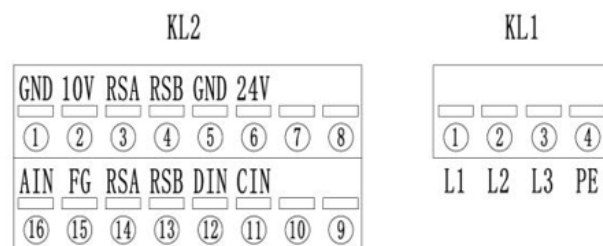
Technical description

Net weight	18 kg
Gross weight	20kg
Housing dimensions	44cm*44cm*38,5cm
Ingress protection	IP54
Installation type	Mounting: horizontal shaft or rotor downwards
Insulation class	F
Storage temperature	-40°C ~ +80°C
Duty	S1
Vibration	≤ 4,6 mm/s
Start-up voltage	1V
Breakdown voltage	DC2500V/1 min
Control characteristics	0-10 VDC / PWM Speed control 0-10 VDC / PWM
	10VDC max. 3,5mA Output terminal +10VDC, max. 3,5 mA
	Integrated PID controller
	Motor overtemperature protection
	Soft start
	RS485 MODBUS-RTU
	Alarm relay
	Protection against voltage/phase failure

Drawing



Connections



Terminal	Nr	Connection	Function
KL1	1	L1	Supply phase conductor; voltage range as shown on the nameplate
	2	L2	Supply phase conductor; voltage range as shown on the nameplate
	3	L3	Supply phase conductor; voltage range as shown on the nameplate
	4	PE	Protective earth
KL2	1	GND	Reference ground for the control interface
	2	+10V/maks.3,5mA	Output voltage; power supply for an external device
	3	RSA	RS485 interface for Modbus, RSA
	4	RSB	RS485 interface for Modbus, RSB
	5	GND	Reference ground for the control interface
	6	+24V/maks.30mA	Output voltage; power supply for an external device
	11	Cin (4-20mA)	Input control current: 4–20 mA (measured), $R_{in} = 124 \Omega$
	12	Din	Digital input 5-50VDC enables electronics Active state: voltage > 3 VDC; Inactive state: voltage < 1.5 VDC
	13	RSB	RS485 interface for Modbus, RSB
	14	RSA	RS485 interface for Modbus, RSA
	15	FG	Tacho output: 1 pulse per revolution
	16	Ain (0-10V) /PWM)	Control input 0-10V or PWM, internal impedance 100K