

G2E180-EH03-01

AC centrifugal fan

forward curved, single inlet
with housing (flange)



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Nominal data

Type	G2E180-EH03-01		
Motor	M2E074-EI		
Phase		1~	1~
Nominal voltage	[V]	230	230
Frequency	[Hz]	50	60
Type of data definition		rfa	ml
Valid for approval / standard		CE	CE
Speed	[min ⁻¹]	1950	2150
Power input	[W]	400	415
Current draw	[A]	1.75	1.82
Motor capacitor	[μF]	8	8
Capacitor voltage	[VDB]	400	400
Capacitor standard		P0 (CE)	P0 (CE)
Min. back pressure	[Pa]	0	250
Max. ambient temperature	[°C]	40	30

ml = max. load · me = max. efficiency · rfa = running at free air · cs = customer specs · cu = customer unit
Subject to alterations

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Technical features

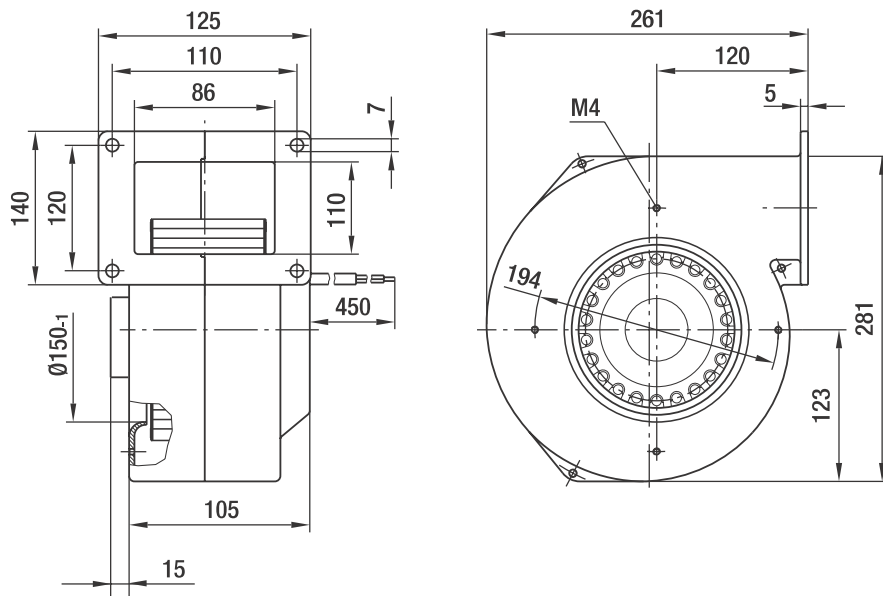
Leackage current	< 0.75 mA
Size	180 mm
Operation mode	S1
Direction of rotation	Clockwise, seen on rotor
Mounting position	Any
Humidity class	F0
Insulation class	"B"
Condensate discharge holes	Rotor-side
Bearing motor	Ball bearing
Mass	5.6 kg
Housing material	Die-cast aluminum
Material of impeller	Sheet steel, galvanized
Motor protection	Thermal overload protector (TOP) wired internally
Product conforming to standard	CE; EN 60335-1
Surface of rotor	Coated in black
Type of protection	IP 44; Depending on installation and position as per EN 60034-5
Protection class	I
Max. permissible ambient motor temp. (transp./ storage)	+ 80 °C
Min. permissible ambient motor temp. (transp./storage)	- 40 °C
Approval	CCC

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Product drawing

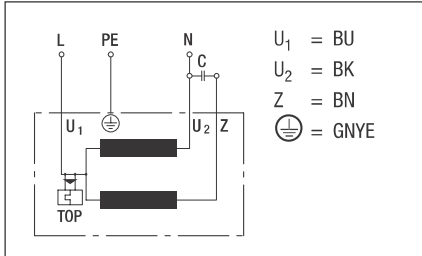


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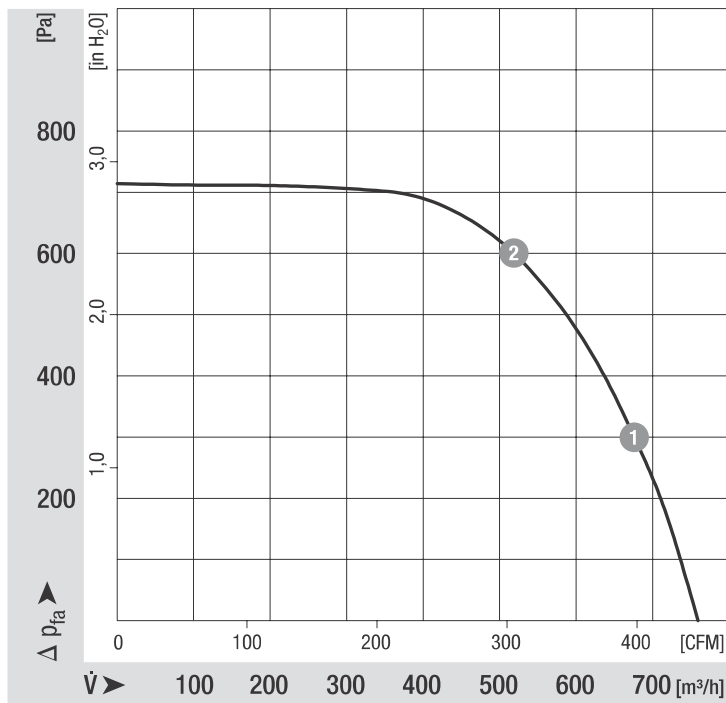
Connection screen



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Charts: Air flow 50 Hz



Measured values

	n	P ₁	I
	[min ⁻¹]	[W]	[A]
1	2290	335	1.47
2	2600	255	1.12

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Charts: Air flow 60 Hz

