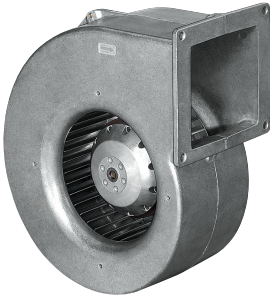


# AC centrifugal fan with housing (small flange)

forward curved, single inlet



## ebm-papst Mulfingen GmbH & Co. KG

Bachmühle 2  
74673 Mulfingen  
Phone: +49 7938 81-0  
Fax: +49 7938 81-110  
www.ebmpapst.com  
info1@de.ebmpapst.com

### Nominal data

| Type                          | G2E140-AI28-01       |      |      |         |
|-------------------------------|----------------------|------|------|---------|
| Motor                         | M2E068-DF            |      |      |         |
| Phase                         |                      | 1~   | 1~   | 1~      |
| Nominal voltage               | [V]                  | 230  | 230  | 230     |
| Frequency                     | [Hz]                 | 50   | 60   | 60      |
| Type of data definition       |                      | rfa  | rfa  | rfa     |
| Valid for approval / standard |                      | CE   | CE   | UL 2111 |
| Speed                         | [min <sup>-1</sup> ] | 2400 | 2350 | 2350    |
| Power input                   | [W]                  | 160  | 205  | 220     |
| Current draw                  | [A]                  | 0,7  | 0.9  | 0.96    |
| Motor capacitor               | [µF]                 | 4    | 4    | 4       |
| Capacitor voltage             | [VDB]                | 400  | 400  | 400     |
| Min. back pressure            | [Pa]                 | 0    | 0    | 0       |
| Max. ambient temperature      | [°C]                 | 70   | 45   | 45      |
| Air flow                      | [m <sup>3</sup> /h]  | 485  | 480  | 480     |
| Back pressure                 | [Pa]                 | 0    | 0    | 0       |
| Sound pressure level          | [dB(A)]              | 72   | 71   | 71      |

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

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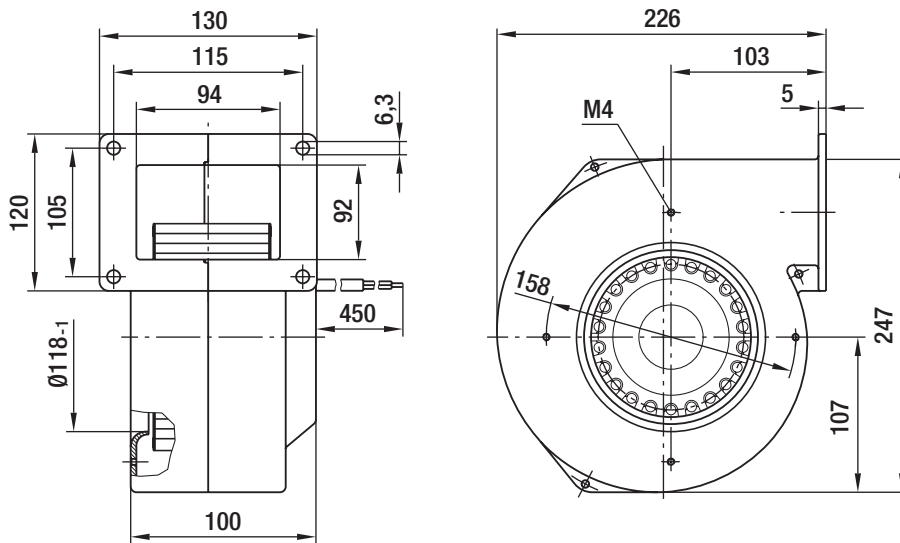
## Technical features

|                                |                                                   |
|--------------------------------|---------------------------------------------------|
| Leackage current               | < 0,75 mA                                         |
| Size                           | 140 mm                                            |
| Operation mode                 | Continuous operation (S1)                         |
| Direction of rotation          | Clockwise, seen on rotor                          |
| Insulation class               | "B"                                               |
| Bearing motor                  | Ball bearing                                      |
| Mass                           | 2.6 kg                                            |
| Housing material               | Die-cast aluminum                                 |
| Material of impeller           | Sendzimir galvanized sheet steel                  |
| Motor protection               | Thermal overload protector (TOP) wired internally |
| Product conforming to standard | CE                                                |
| Type of protection             | IP 44 - depending on position                     |
| Protection class               | I                                                 |
| Approval                       | CCC; GOST                                         |

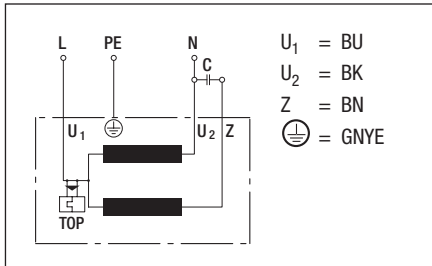
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## Product drawing

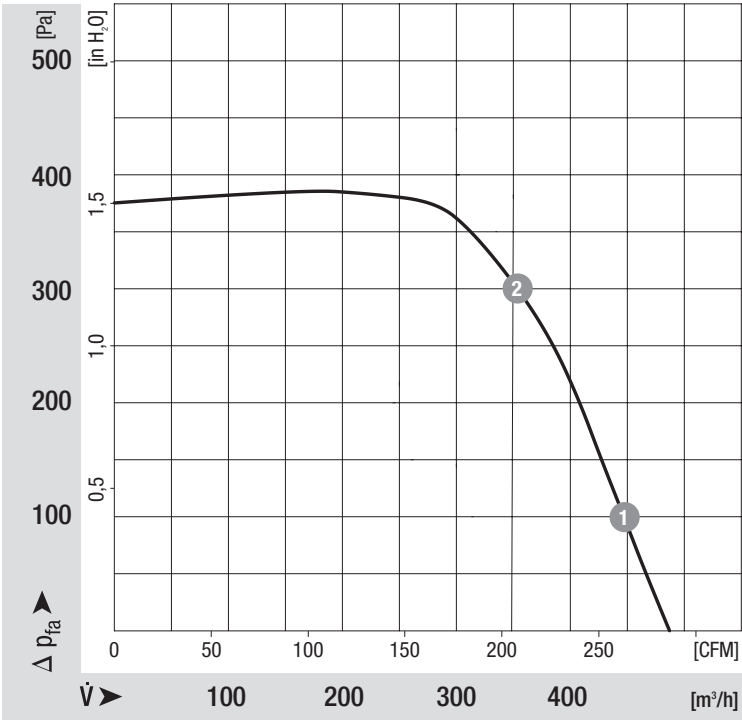


## Connection screen



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Charts: Air flow 50 Hz



Measured values

|   | n                    | P <sub>1</sub> | I    |
|---|----------------------|----------------|------|
|   | [min <sup>-1</sup> ] | [W]            | [A]  |
| 1 | 2485                 | 148            | 0.65 |
| 2 | 2630                 | 128            | 0.57 |

## Charts: Air flow 60 Hz

