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**Nominal data**

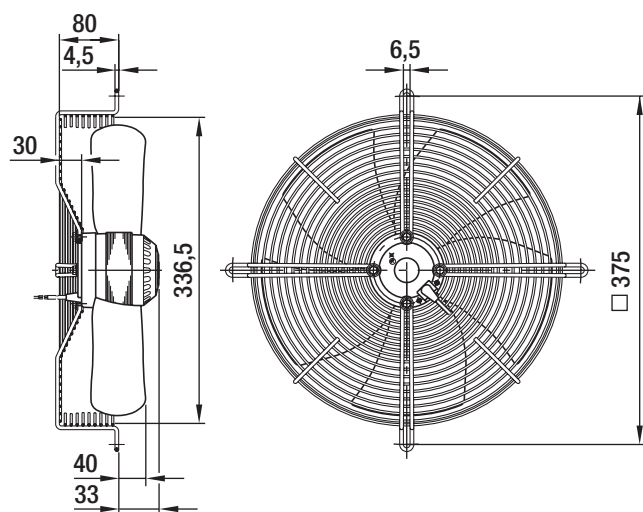
|                               |                      |      |      |
|-------------------------------|----------------------|------|------|
| Type                          | S4E315-AP18-30       |      |      |
| Motor                         | M4E068-DF            |      |      |
| Phase                         |                      | 1~   | 1~   |
| Nominal voltage               | [V]                  | 230  | 230  |
| Frequency                     | [Hz]                 | 50   | 60   |
| Type of data definition       |                      | rfa  | rfa  |
| Valid for approval / standard |                      | CE   | CE   |
| Speed                         | [min <sup>-1</sup> ] | 1410 | 1650 |
| Power input                   | [W]                  | 102  | 120  |
| Current draw                  | [A]                  | 0,52 | 0.53 |
| Motor capacitor               | [μF]                 | 4    | 4    |
| Capacitor voltage             | [VDB]                | 400  | 400  |
| Max. back pressure            | [Pa]                 | 120  | 120  |
| Max. ambient temperature      | [°C]                 | 55   | 55   |
| Air flow                      | [m <sup>3</sup> /h]  | 2440 | 2840 |
| Back pressure                 | [Pa]                 | 0    | 0    |
| Sound pressure level          | [dB(A)]              | 59   | 64   |

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

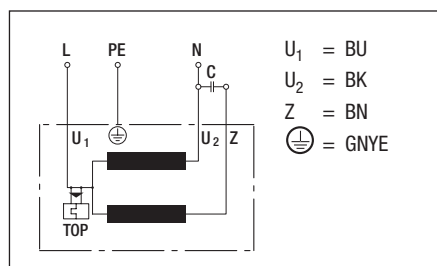
## Technical features

|                                 |                                                   |
|---------------------------------|---------------------------------------------------|
| Size                            | 315 mm                                            |
| Operation mode                  | Continuous operation (S1)                         |
| Direction of rotation           | Counter-clockwise, seen on rotor                  |
| Direction of air flow           | "V"                                               |
| Insulation class                | "B"                                               |
| Cable exit                      | Axial                                             |
| Bearing motor                   | Ball bearing                                      |
| Mass                            | 2.4 kg                                            |
| Material of electronics housing | Rotor: Coated in black                            |
| Material of impeller            | Sheet steel, coated in black                      |
| Motor protection                | Thermal overload protector (TOP) wired internally |
| Product conforming to standard  | CE                                                |
| Number of blades                | 5                                                 |
| Type of protection              | IP 44 - depending on position                     |
| Protection class                | I                                                 |
| Approval                        | CCC; GOST                                         |

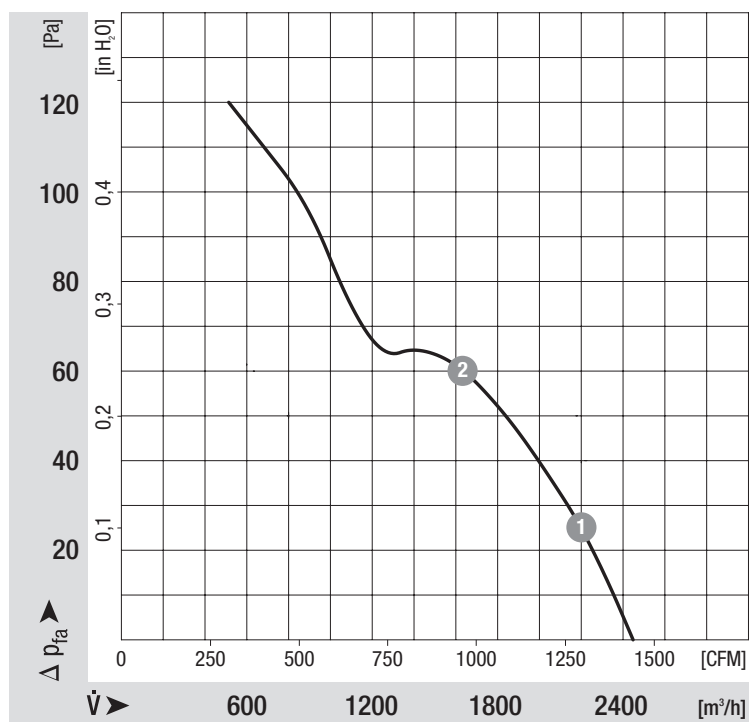
Product drawing



## Connection screen



## Charts: Air flow 50 Hz



## Measured values

|   | n                    | P <sub>1</sub> | I    |
|---|----------------------|----------------|------|
|   | [min <sup>-1</sup> ] | [W]            | [A]  |
| 1 | 1400                 | 108            | 0.54 |
| 2 | 1380                 | 120            | 0.57 |

## Charts: Air flow 60 Hz

