

S4E350-AR06-30

# AC axial fan with guard grille for short nozzle sickled blades (S series)



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## Nominal data

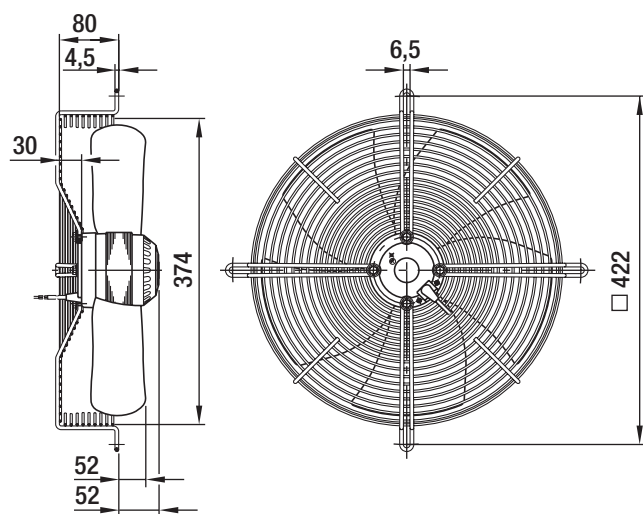
|                               |                      |         |         |
|-------------------------------|----------------------|---------|---------|
| Type                          | S4E350-AR06-30       |         |         |
| Motor                         | M4E068-EC            |         |         |
| 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> ] | 1365    | 1530    |
| Power input                   | [W]                  | 132     | 180     |
| Current draw                  | [A]                  | 0,58    | 0.8     |
| Motor capacitor               | [µF]                 | 5       | 5       |
| Capacitor voltage             | [VDB]                | 400     | 400     |
| Capacitor standard            |                      | P0 (CE) | P0 (CE) |
| Max. back pressure            | [Pa]                 | 90      | 65      |
| Max. ambient temperature      | [°C]                 | 60      | 50      |
| Air flow                      | [m <sup>3</sup> /h]  | 3250    | 3640    |
| Back pressure                 | [Pa]                 | 0       | 0       |
| Sound pressure level          | [dB(A)]              | 64      | 67      |

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

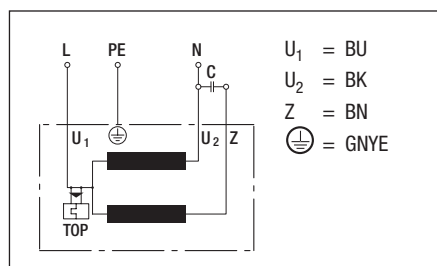
## Technical features

|                                 |                                                   |
|---------------------------------|---------------------------------------------------|
| Size                            | 350 mm                                            |
| Operation mode                  | Continuous operation (S1)                         |
| Direction of rotation           | Counter-clockwise, seen on rotor                  |
| Direction of air flow           | "V"                                               |
| Insulation class                | "F"                                               |
| Cable exit                      | Axial                                             |
| Bearing motor                   | Ball bearing                                      |
| Mass                            | 3.6 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                                               |

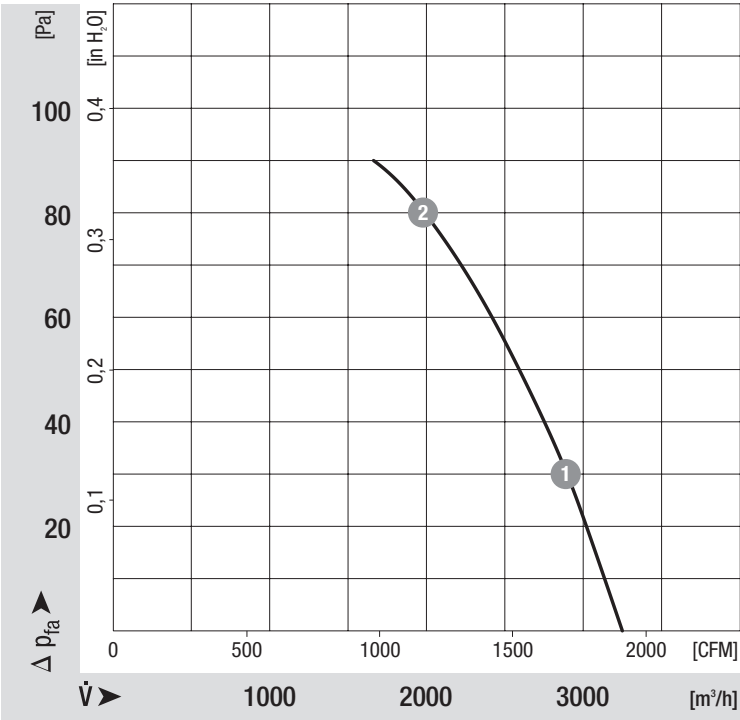
## Product drawing



## Connection screen



Charts: Air flow 50 Hz



Measured values

|   | n                    | P <sub>1</sub> | I    |
|---|----------------------|----------------|------|
|   | [min <sup>-1</sup> ] | [W]            | [A]  |
| 1 | 1335                 | 142            | 0.43 |
| 2 | 1260                 | 166            | 0.43 |

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sickled blades (S series)

Charts: Air flow 60 Hz

