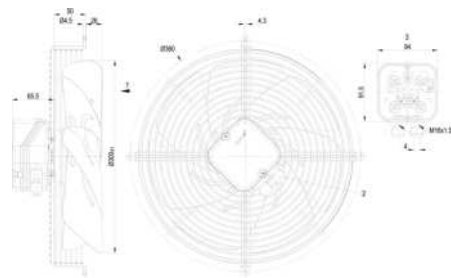


KARTA KATALOGOWA

# S4E300-AP26-36

Wentylator osiowy AC, łopatki sierpowe (seria S), z kratką ochronną, do krótkiej dyszy

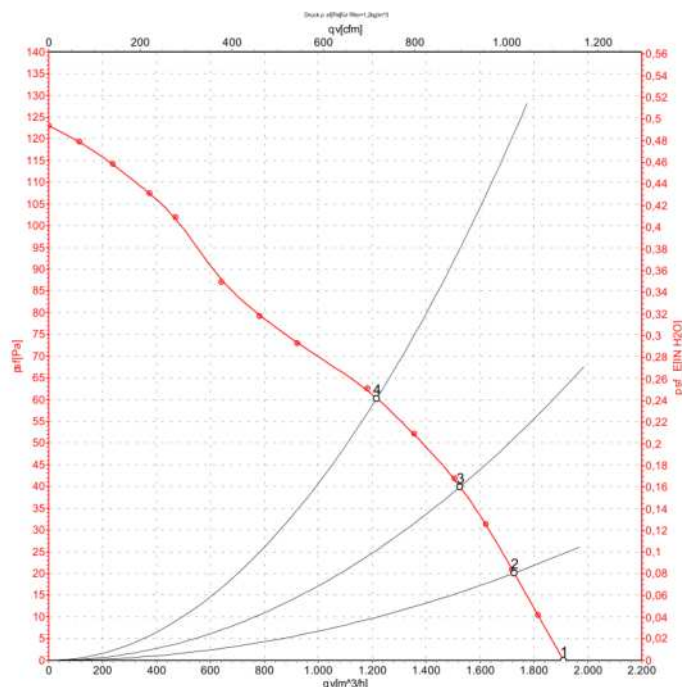
Producent: ebm-papst



| Dane znamionowe         |                     | Budowa                 |                                                            |
|-------------------------|---------------------|------------------------|------------------------------------------------------------|
| Napięcie znamionowe     | 1~ 230 V            | Wielkość               | 300 mm                                                     |
| Częstotliwość           | 50 / 60 Hz          | Silnik                 | M4E068-CF                                                  |
| Prędkość obrotowa       | 1400 / 1630 obr/min | Materiał wirnika       | blacha stalowa malowana na czarno                          |
| Pobór mocy              | 68 / 92 W           | Kratka ochronna        | stal fosforanowana, powlekana czarnym tworzywem (RAL 9005) |
| Pobór prądu             | 0,3 / 0,41 A        | Liczba łopatek         | 7                                                          |
| Maks. przeciwnieśnienie | 80 / 70 Pa          | Kierunek obrotów       | w lewo, patrząc na wirnik                                  |
| Kondensator             | 2 µF / 400 V        | Stopień ochrony        | IP44                                                       |
| Temperatura otoczenia   | maks. 60 / 45 °C    | Klasa izolacji         | B                                                          |
|                         |                     | Zabezpieczenie silnika | termik (TOP), podłączony wewnętrznie                       |
|                         |                     | Łożyskowanie           | kulkowe, smar niskotemperaturowy                           |
|                         |                     | Podłączenie            | skrzynka zaciskowa, kondensator wbudowany                  |
|                         |                     | Masa                   | 3,18 kg                                                    |

## Charakterystyka przepływowa (50 Hz)

Charts: Air flow 50 Hz



Measurement: LU-31732

Air performance measured as per ISO 5801 Installation category A. For detailed information on the measuring set-up, please contact ebm-papst. Suction-side noise levels: LwA measured as per ISO 13347 / LpA measured with 1m distance to fan axis. The values given are valid under the measuring conditions mentioned above and may vary according to the actual installation situation. With any deviation from the standard set-up, the specific values have to be checked and reviewed with the unit installed.

Dane na okładce wg karty katalogowej producenta ebm-papst (oryginał na kolejnych stronach).  
Wartości przy swobodnym wydmuchu; producent zastrzega możliwość zmian.

## Dobór, wycena i dostawa – zapytaj LUFTBERG

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S4E300-AP26-36

AC axial fan

sickled blades (S series)  
with guard grille for short nozzle

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www.ebmpapst.com

Nominal data

|                               |                   |      |      |
|-------------------------------|-------------------|------|------|
| Type                          | S4E300-AP26-36    |      |      |
| Motor                         | M4E068-CF         |      |      |
| Phase                         |                   | 1~   | 1~   |
| Nominal voltage               | VAC               | 230  | 230  |
| Frequency                     | Hz                | 50   | 60   |
| Type of data definition       |                   | fa   | fa   |
| Valid for approval / standard |                   | CE   | CE   |
| Speed                         | min <sup>-1</sup> | 1400 | 1630 |
| Power input                   | W                 | 68   | 92   |
| Current draw                  | A                 | 0.3  | 0.41 |
| Motor capacitor               | µF                | 2    | 2    |
| Capacitor voltage             | VDB               | 400  | 400  |
| Max. back pressure            | Pa                | 80   | 70   |
| Max. ambient temperature      | °C                | 60   | 45   |

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



**S4E300-AP26-36**

## AC axial fan

sickled blades (S series)

with guard grille for short nozzle

### Technical features

|                                                         |                                                                   |
|---------------------------------------------------------|-------------------------------------------------------------------|
| Mass                                                    | 3.18 kg                                                           |
| Size                                                    | 300 mm                                                            |
| Surface of rotor                                        | Coated in black                                                   |
| Material of terminal box                                | ABS Plastic, black                                                |
| Material of blades                                      | Sheet steel, coated in black                                      |
| Material of guard grille                                | Steel, phosphated and coated in black plastic                     |
| Number of blades                                        | 7                                                                 |
| Direction of air flow                                   | "V"                                                               |
| Direction of rotation                                   | Counter-clockwise, seen on rotor                                  |
| Type of protection                                      | IP 44                                                             |
| Insulation class                                        | "B"                                                               |
| Humidity class                                          | F1-2                                                              |
| Max. permissible ambient motor temp. (transp./ storage) | + 80 °C                                                           |
| Min. permissible ambient motor temp. (transp./storage)  | - 40 °C                                                           |
| Mounting position                                       | Shaft horizontal or rotor on bottom; rotor on top on request      |
| Condensate discharge holes                              | Rotor-side                                                        |
| Operation mode                                          | S1                                                                |
| Motor bearing                                           | Ball bearing with anti-freezing grease                            |
| Leakage current                                         | < 0.75 mA                                                         |
| Electrical leads                                        | Via terminal box, integrated capacitor connected via terminal box |
| Motor protection                                        | Thermal overload protector (TOP) wired internally                 |
| Cable exit                                              | Variable                                                          |
| Protection class                                        | I (if protective earth is connected by customer)                  |
| Product conforming to standard                          | EN 60335-1; CE                                                    |
| Approval                                                | CCC                                                               |

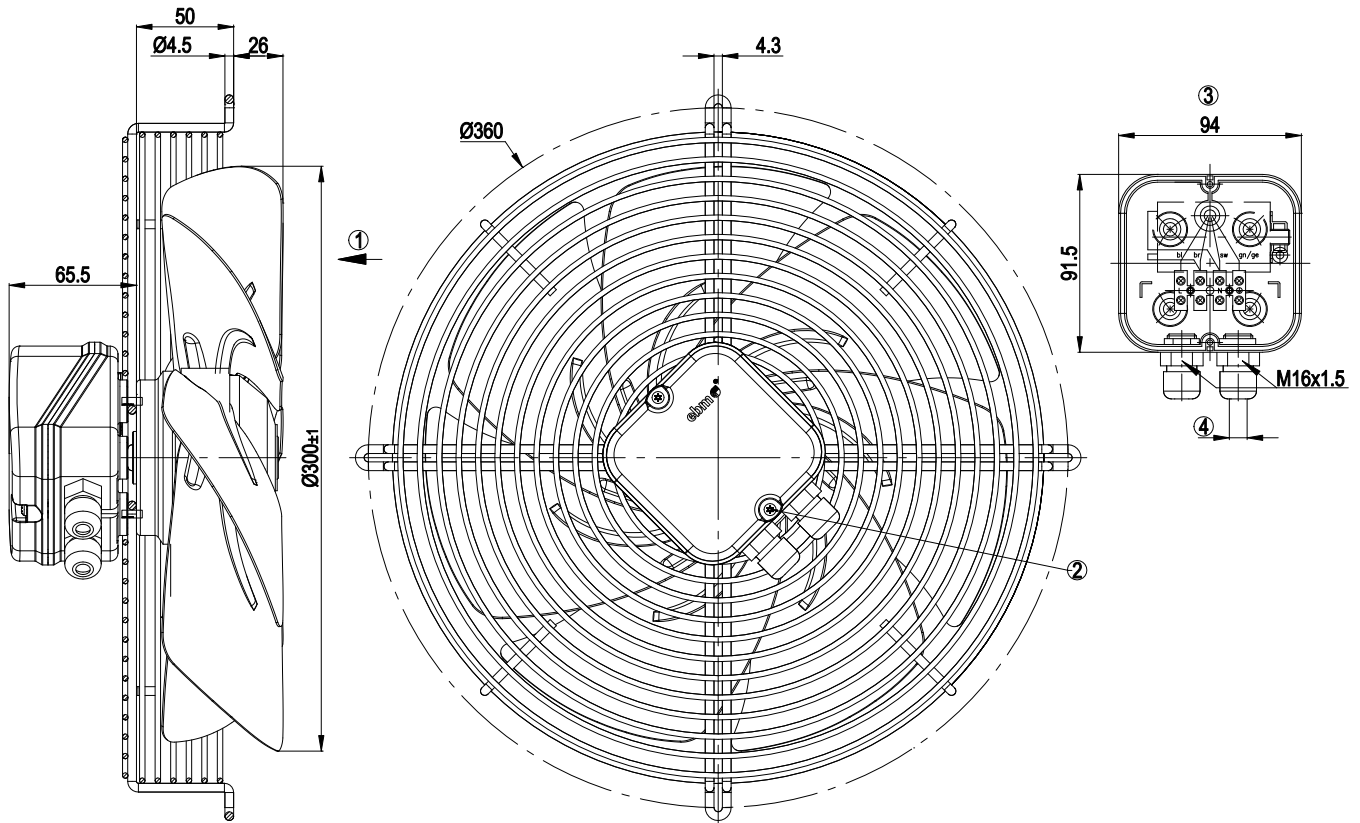
**S4E300-AP26-36**

## AC axial fan

sickled blades (S series)

with guard grille for short nozzle

### Product drawing



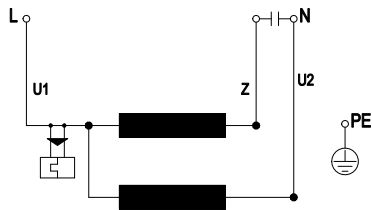
|   |                                                       |
|---|-------------------------------------------------------|
| 1 | Direction of air flow "V"                             |
| 2 | Tightening torque 0.7 Nm                              |
| 3 | Illustration without terminal box cover               |
| 4 | Cable diameter: max. 7.5 mm; tightening torque 1.3 Nm |

S4E300-AP26-36

AC axial fan

sickled blades (S series)  
with guard grille for short nozzle

Connection screen



|    |              |   |       |    |       |
|----|--------------|---|-------|----|-------|
| U1 | blue         | Z | brown | U2 | black |
| PE | green/yellow |   |       |    |       |



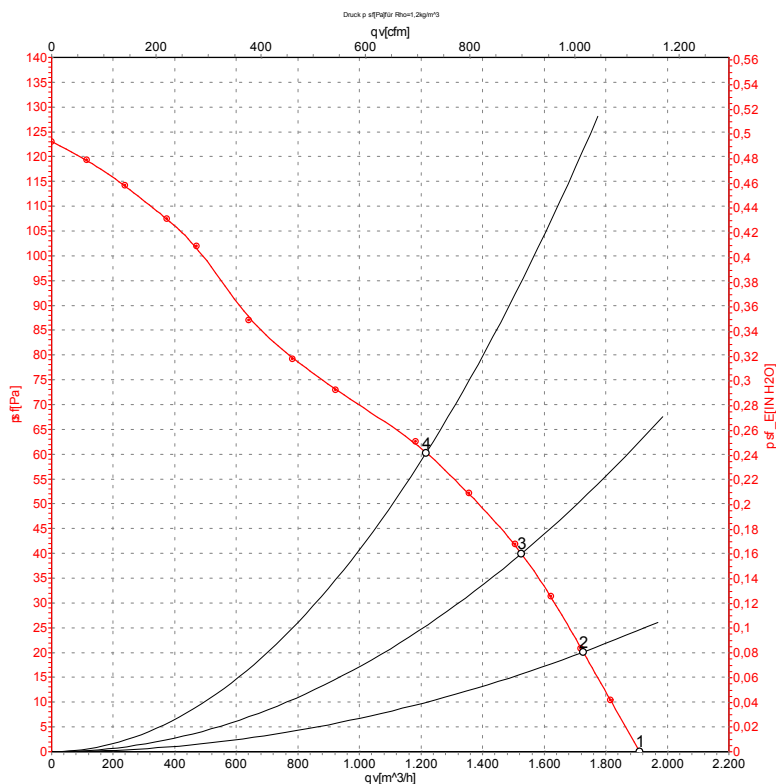
S4E300-AP26-36

# AC axial fan

sickled blades (S series)

with guard grille for short nozzle

## Charts: Air flow 50 Hz



Measurement: LU-31732

Air performance measured as per ISO 5801 Installation category A. For detailed information on the measuring set-up, please contact ebm-papst. Suction-side noise levels: LwA measured as per ISO 13347 / LpA measured with 1m distance to fan axis. The values given are valid under the measuring conditions mentioned above and may vary according to the actual installation situation. With any deviation from the standard set-up, the specific values have to be checked and reviewed with the unit installed.

## Measured values

|   | U   | f  | n                 | P <sub>e</sub> | I    | qv   | P <sub>sf</sub> |
|---|-----|----|-------------------|----------------|------|------|-----------------|
|   | V   | Hz | min <sup>-1</sup> | W              | A    | m³/h | Pa              |
| 1 | 230 | 50 | 1400              | 70             | 0.32 | 1910 | 0               |
| 2 | 230 | 50 | 1380              | 74             | 0.33 | 1725 | 20              |
| 3 | 230 | 50 | 1365              | 77             | 0.34 | 1525 | 40              |
| 4 | 230 | 50 | 1330              | 82             | 0.36 | 1215 | 60              |



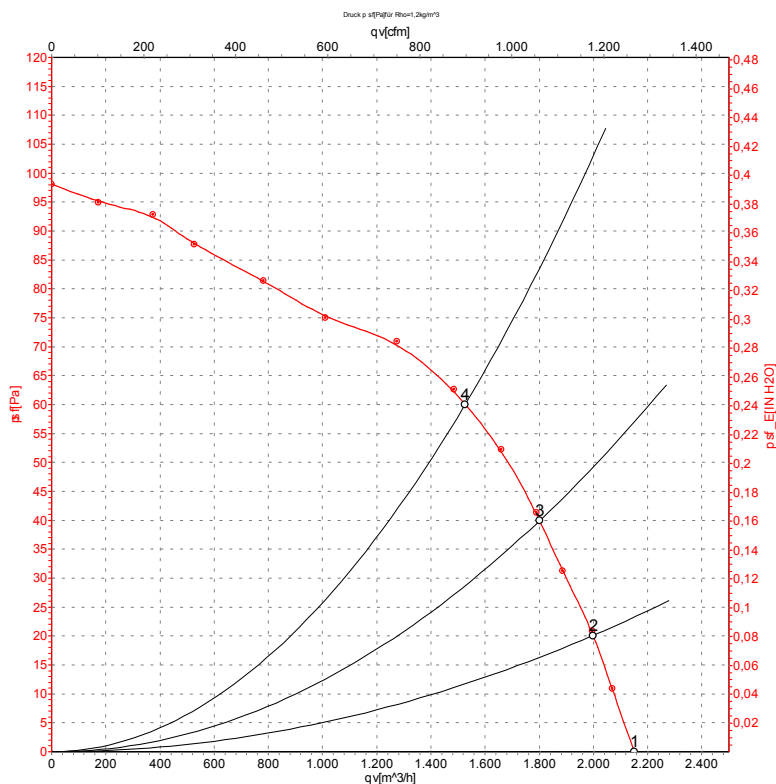
S4E300-AP26-36

# AC axial fan

sickled blades (S series)

with guard grille for short nozzle

## Charts: Air flow 60 Hz



Measurement: LU-31733

Air performance measured as per ISO 5801 Installation category A. For detailed information on the measuring set-up, please contact ebm-papst. Suction-side noise levels: LwA measured as per ISO 13347 / LpA measured with 1m distance to fan axis. The values given are valid under the measuring conditions mentioned above and may vary according to the actual installation situation. With any deviation from the standard set-up, the specific values have to be checked and reviewed with the unit installed.

## Measured values

|   | U   | f  | n                 | P <sub>e</sub> | I    | qv                | P <sub>sf</sub> |
|---|-----|----|-------------------|----------------|------|-------------------|-----------------|
|   | V   | Hz | min <sup>-1</sup> | W              | A    | m <sup>3</sup> /h | Pa              |
| 1 | 230 | 60 | 1610              | 94             | 0.41 | 2150              | 0               |
| 2 | 230 | 60 | 1575              | 101            | 0.44 | 2000              | 20              |
| 3 | 230 | 60 | 1545              | 105            | 0.45 | 1800              | 40              |
| 4 | 230 | 60 | 1490              | 109            | 0.47 | 1525              | 60              |

