

AC axial fans

K series, Ø 250 / 300

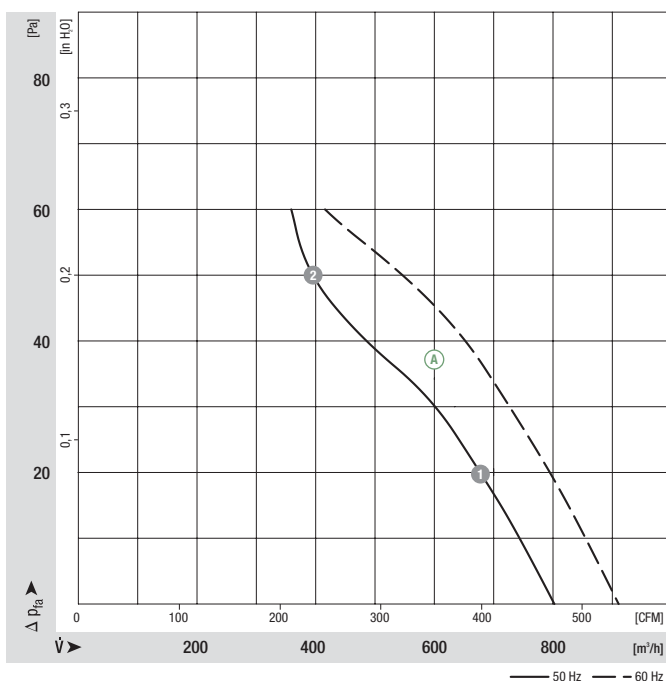


- **Material:** Guard grille: Steel, phosphated and coated in black plastic
Blades: PA plastic, black
Rotor: Coated in black
- **Number of blades:** 5
- **Direction of rotation:** Direction of air flow "V" counter-clockwise, direction of air flow "A" clockwise, seen on rotor
- **Type of protection:** IP 44
- **Insulation class:** "B"
- **Mounting position:** Shaft horizontal or rotor on bottom; rotor on top on request
- **Condensate discharges:** Rotor-side
- **Mode of operation:** Continuous operation (S1)
- **Bearings:** Maintenance-free ball bearings

| Nominal data | | Curve | Nominal voltage | Frequency | Air flow | Speed/rpm | Power input | Current draw | Capacitor | Sound pressure level | Max. operative range | Perm. amb. temp. | Mass without attachments | Electr. connection |
|--------------|------------|-------|-----------------|-----------|----------|-----------|-------------|--------------|-----------|----------------------|----------------------|------------------|--------------------------|--------------------|
| Type | Motor | VAC | Hz | m³/h | rpm | W | A | µF/VDB | dB(A) | Pa | °C | kg | p. 416 f. | |
| *4E 250 | M4E 068-BF | A | 1~ 230 | 50 | 800 | 1350 | 41 | 0.18 | 1.5/400 | 47 | 60 | -25 to +60 | 1.2 | A1) |
| | | | 1~ 230 | 60 | 910 | 1550 | 50 | 0.23 | 1.5/400 | 50 | 60 | -25 to +70 | | |
| *4E 300-*E | M4E 068-BF | B | 1~ 230 | 50 | 1100 | 1100 | 52 | 0.23 | 1.5/400 | 53 | 50 | -25 to +45 | 1.3 | A1) |
| | | | 1~ 230 | 60 | 1150 | 1150 | 60 | 0.27 | 1.5/400 | 54 | 50 | -25 to +40 | | |
| *4E 300-*H | M4E 068-CF | C | 1~ 230 | 50 | 1340 | 1350 | 70 | 0.31 | 1.5/400 | 58 | 80 | -25 to +60 | 1.7 | A1) |
| | | | 1~ 230 | 60 | 1460 | 1480 | 90 | 0.40 | 1.5/400 | 61 | 65 | -25 to +55 | | |

subject to alterations

Curves

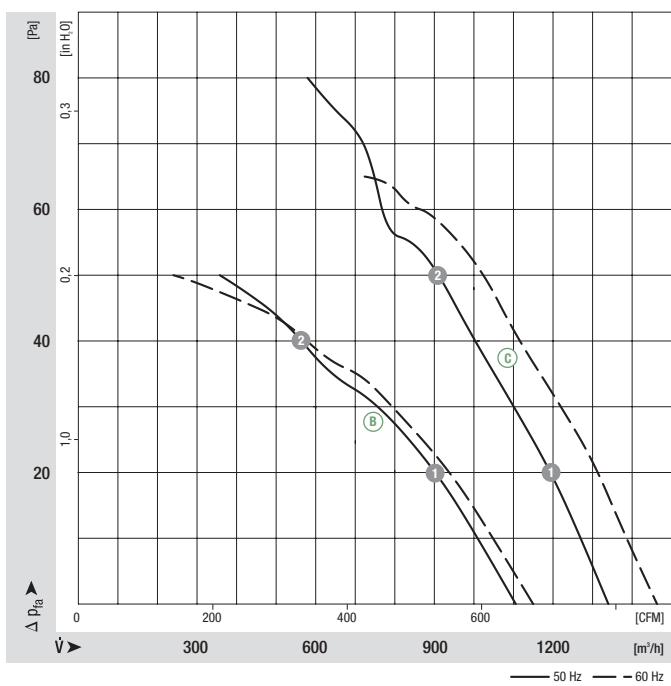


| n [rpm] | P ₁ [W] | I [A] |
|---------|--------------------|-------|
| 1315 | 42 | 0.19 |
| 1280 | 44 | 0.20 |

- **Motor protection:** TOP wired internally
- **Cable exit:** (A) (C) Axial, (B) variable
- **Protection class:** I
- **Product conforming to standards:** EN 60335-1, CE

| Direction of air flow | < "V"/"A" > | |
|-----------------------|---------------------|------------------------------------|
| | Without attachments | With guard grille for short nozzle |
| "V" | A4E 250-AE32 -05 | S4E 250-AE32 -01 |
| "A" | A4E 250-AE32 -06 | S4E 250-AE32 -02 |
| "V" | A4E 300-AE20 -05 | S4E 300-EE20 -05 |
| "A" | A4E 300-AE20 -06 | S4E 300-EE20 -06 |
| "V" | A4E 300-AH26 -05 | S4E 300-EH26 -05 |
| "A" | A4E 300-AH26 -06 | S4E 300-EH26 -06 |

Curves



| | n [rpm] | P ₁ [W] | I [A] |
|-------|---------|--------------------|-------|
| (B) 1 | 1060 | 53 | 0.24 |
| (B) 2 | 985 | 55 | 0.24 |
| (C) 1 | 1325 | 71 | 0.32 |
| (C) 2 | 1310 | 73 | 0.33 |