

# AC axial fans

A-Range, Ø 250



- **Material:** sheet steel (coated in black)
- **Direction of rotation:** direction of air flow "V" counter-clockwise, direction of air flow "A" clockwise
- **Type of protection:** IP 44

ebm-papst • Mulfingen

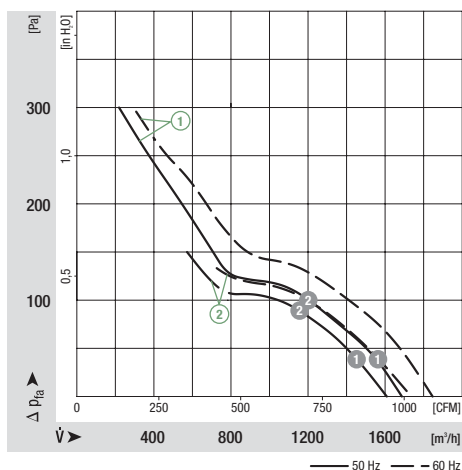
| Nominal data                 |           | Characteristic | Voltage | Frequency | Air flow | Speed/rpm | Power input | Current draw | Capacitor | Sound pressure level | Max. back pressure | Perm. amb. temp. | Mass |
|------------------------------|-----------|----------------|---------|-----------|----------|-----------|-------------|--------------|-----------|----------------------|--------------------|------------------|------|
| Type                         | Motor     |                | VAC     | Hz        | m³/h     | min⁻¹     | W           | A            | µF/VDB    | dB(A)                | Pa                 | °C               | kg   |
| <b>*2D 250<sup>(1)</sup></b> | M2D068-DF | ①              | 230/400 | 50        | 1685     | 2650      | 110         | 0,22         | ---       | 72                   | 300                | 70               | 2,2  |
|                              |           |                | 230/400 | 60        | 1845     | 2950      | 160         | 0,26         | ---       | 75                   | 300                | 40               |      |
| <b>*2E 250</b>               | M2E068-DF | ②              | 230     | 50        | 1610     | 2550      | 115         | 0,51         | 4,0/400   | 72                   | 150                | 55               | 2,2  |
|                              |           |                | 230     | 60        | 1740     | 2750      | 165         | 0,74         | 4,0/400   | 73                   | 130                | 50               |      |
| <b>*4D 250<sup>(1)</sup></b> | M4D068-CF | ③              | 230/400 | 50        | 890      | 1420      | 30          | 0,09         | ---       | 58                   | 90                 | 75               | 1,6  |
|                              |           |                | 230/400 | 60        | 1035     | 1650      | 35          | 0,08         | ---       | 62                   | 100                | 75               |      |
| <b>*4S 250</b>               | M4S068-CF | ④              | 230     | 50        | 870      | 1400      | 72          | 0,53         | ---       | 58                   | 80                 | 40               | 1,7  |
|                              |           |                | 230     | 60        | 1000     | 1620      | 67          | 0,46         | ---       | 62                   | 100                | 50               |      |

subject to alterations <sup>(1)</sup> current draw established at 400 VAC (V)

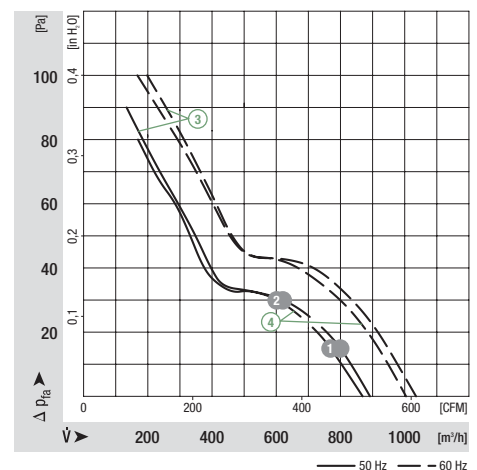
|     | n<br>[min⁻¹] | P <sub>1</sub><br>[W] |
|-----|--------------|-----------------------|
| ① ① | 2645         | 123                   |
| ① ② | 2615         | 131                   |
| ② ① | 2520         | 122                   |
| ② ② | 2480         | 126                   |

|     | n<br>[min⁻¹] | P <sub>1</sub><br>[W] |
|-----|--------------|-----------------------|
| ③ ① | 1420         | 32                    |
| ③ ② | 1410         | 33                    |
| ④ ① | 1400         | 70                    |
| ④ ② | 1395         | 71                    |

Characteristics



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| Selection      | Cable exit | Direction of air flow |                  |                  |                  | Dimensions |    |
|----------------|------------|-----------------------|------------------|------------------|------------------|------------|----|
| Type           | S/A/B      |                       |                  |                  |                  | a          | c  |
| <b>*2D 250</b> | S          | "V"                   | A2D250-AA02 -01  | S2D250-BA02 -01  | W2D250-CA02 -01  | 83         | 27 |
|                |            | "A"                   | A2D250-AA02 -02  | S2D250-BA02 -02  | W2D250-CA02 -02  | 83         | 27 |
| <b>*2E 250</b> | B          | "V"                   | A2E 250-AE65 -01 | S2E 250-BE65 -01 | W2E 250-CE65 -01 | 83         | 27 |
|                |            | "A"                   | A2E 250-AE65 -02 | S2E 250-BE65 -02 | W2E 250-CE65 -02 | 83         | 27 |
| <b>*4D 250</b> | S          | "V"                   | A4D250-AA04 -01  | S4D250-BA04 -01  | W4D250-CA04 -01  | 73         | 19 |
|                |            | "A"                   | A4D250-AA04 -02  | S4D250-BA04 -02  | W4D250-CA04 -02  | 73         | 19 |
| <b>*4S 250</b> | S          | "V"                   | A4S250-AA02 -01  | S4S250-BA02 -01  | W4S250-CA02 -01  | 73         | 19 |
|                |            | "A"                   | A4S250-AA02 -02  | S4S250-BA02 -02  | W4S250-CA02 -02  | 73         | 19 |

