KARTA KATALOGOWA

# W2E208-BA20-01

Wentylator diagonalny AC

Producent: ebm-papst

Zdjęcie poglądowe

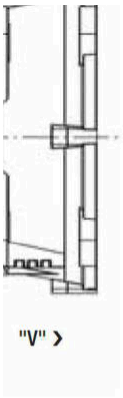
## Dane znamionowe

| | |
|---|---|
| Napięcie znamionowe | **1~ 230 V** |
| Częstotliwość | **50/60 Hz** |
| Wydajność | **815 / 925 m³/h** |
| Prędkość obrotowa | **2750 / 3100 obr/min** |
| Pobór mocy | **67 / 87 W** |
| Pobór prądu | **0,33 / 0,39 A** |
| Kondensator | **1,5 µF / 450 V** |
| Maks. ciśnienie statyczne | **120 Pa** |
| Poziom ciśnienia akustycznego | **68 / 70 dB(A)** |
| Zakres pracy | **do 135 Pa (60 Hz: 165 Pa)** |
| Temperatura otoczenia | **−25…+72 °C** |

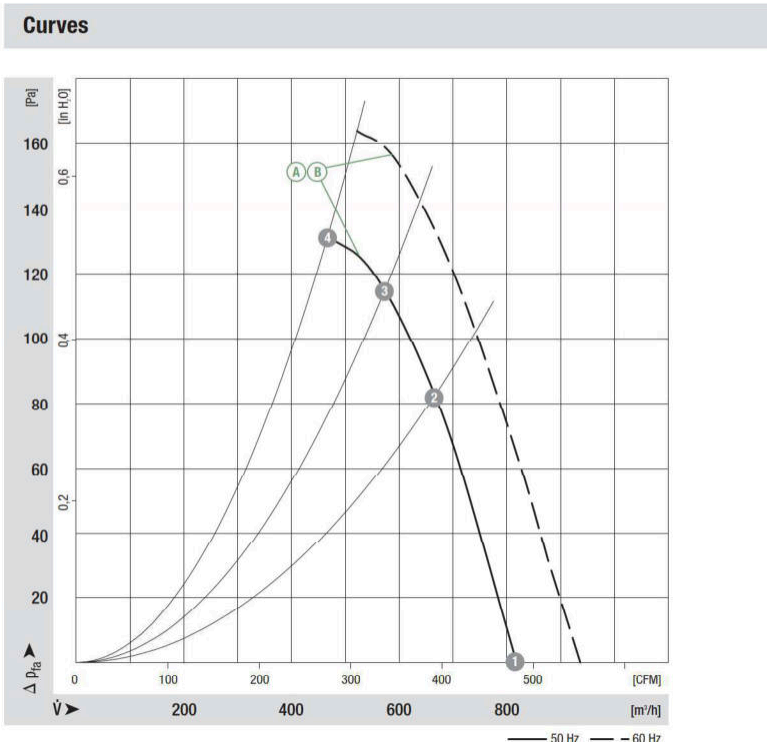
## Budowa

| | |
|---|---|
| Średnica | **208 mm** |
| Masa | **2,8 kg** |

## Charakterystyka przepływowa




| | | | | | | | |
|---|---|---|---|---|---|---|---|
| (A) | 4 | 2990 | 92 | 70 | (B) | 4 | 3020 | 97 | 70 |




Dane na podstawie katalogu producenta ebm-papst (strony katalogowe serii na kolejnych stronach).
Wartości dla 50 Hz / 60 Hz; producent zastrzega możliwość zmian.

### Dobór, wycena i dostawa – zapytaj LUFTBERG

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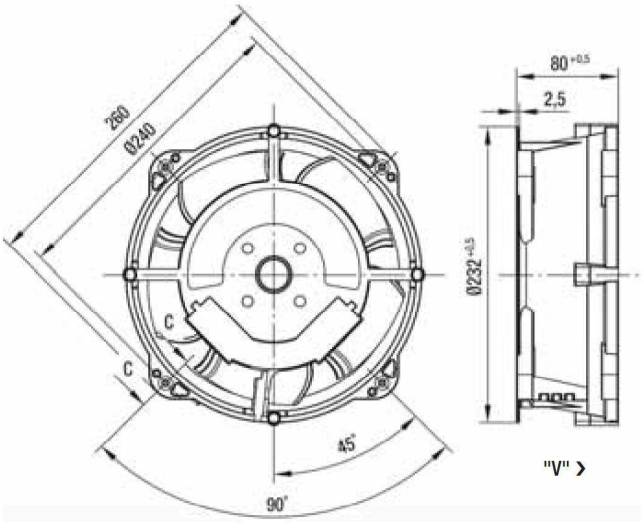
# AC diagonal fans

## Ø 208

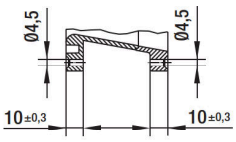
- **Material:**
  Wall ring: Die-cast aluminium
  Blades: Plastic PA
  Rotor: Coated in black
- **Number of blades:** 5
- **Direction of air flow:** "V", exhaust over struts
- **Direction of rotation:** Counter-clockwise, seen on rotor
- **Type of protection:** IP 44
- **Insulation class:** "F"
- **Mounting position:** Any
- **Condensate discharges:** None
- **Mode of operation:**
  Continuous operation (S1)
- **Bearings:** Maintenance-free ball bearings
- **Motor protection:** Ⓐ Without TOP, Ⓑ TOP wired internally
- **Electrical connection:** Terminal strips (operating capacitor connected)
- **Protection class:** I
- **Product conforming to standards:**
  EN 60335-1, Ⓑ also CE
- **Approvals:** VDE, CCC, GOST

| 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Type** | **Motor** | | **VAC** | **Hz** | **m³/h** | **rpm** | **W** | **A** | **µF/VDB** | **dB(A)** | **Pa** | **°C** | **kg** |
| **W2D208-BA02 -01** | M2D 068-CF | Ⓐ | 3~ 400 Y | 50 | 820 | 2740 | 60 | 0.15 | — | 67 | 135 | -25 to +70 | 2.8 |
| | | | 3~ 400 Y | 60 | 920 | 3090 | 80 | 0.15 | — | 70 | 165 | -25 to +70 | |
| **W2E208-BA86 -01** | M2E 068-CF | Ⓑ | 1~ 115 | 50 | 815 | 2750 | 67 | 0.70 | 6.0/220 | 68 | 135 | -25 to +72 | 2.8 |
| | | | 1~ 115 | 60 | 925 | 3100 | 87 | 0.78 | 6.0/220 | 70 | 165 | -25 to +72 | |
| **W2E208-BA20 -01** | M2E 068-CF | Ⓑ | 1~ 230 | 50 | 815 | 2750 | 67 | 0.33 | 1.5/450 | 68 | 135 | -25 to +72 | 2.8 |
| | | | 1~ 230 | 60 | 925 | 3100 | 87 | 0.39 | 1.5/450 | 70 | 165 | -25 to +72 | |

subject to alterations

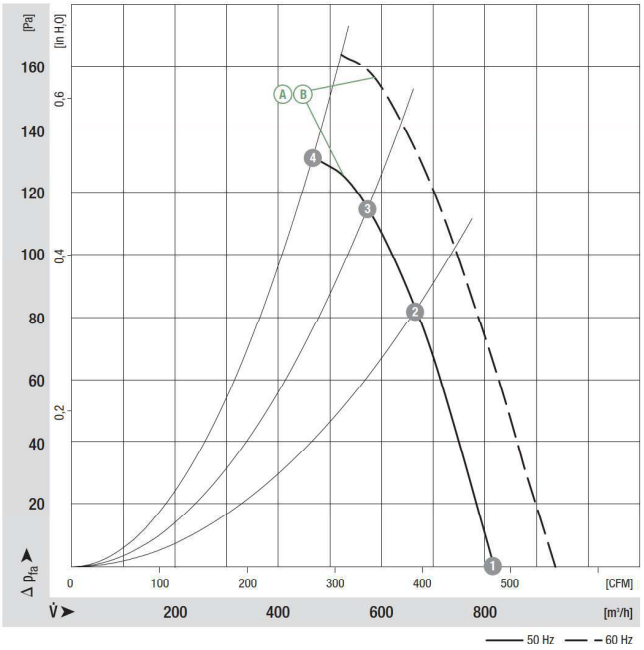



Section C-C




| | n [rpm] | $P_1$ [W] | $Lp_A$ [dB(A)] | | n [rpm] | $P_1$ [W] | $Lp_A$ [dB(A)] |
|---|---|---|---|---|---|---|---|
| Ⓐ 1 | 3090 | 80 | 70 | Ⓑ 1 | 3100 | 87 | 70 |
| Ⓐ 2 | 2990 | 93 | 69 | Ⓑ 2 | 2990 | 100 | 70 |
| Ⓐ 3 | 2960 | 96 | 69 | Ⓑ 3 | 2960 | 102 | 69 |
| Ⓐ 4 | 2990 | 92 | 70 | Ⓑ 4 | 3020 | 97 | 70 |

## Curves






Guard grille p. 367
Capacitor p. 382 f.

ebmpapst