

# AC diagonal fans

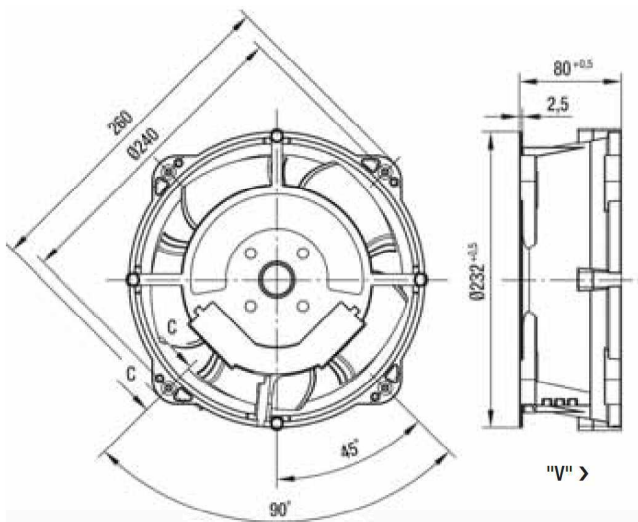
Ø 208



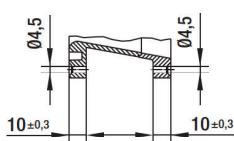
- **Material:**  
Wall ring: Die-cast aluminium  
Blades: Plastic PA  
Rotor: Coated in black
- **Number of blades:** 5
- **Direction of air flow:** "V", exhaust over struts
- **Direction of rotation:** Counter-clockwise, seen on rotor
- **Type of protection:** IP 44
- **Insulation class:** "F"
- **Mounting 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       |      |
| W2E 208-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       |      |
| W2E 208-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 <sub>1</sub> [W] | Lp <sub>A</sub> [dB(A)] |     | n [rpm] | P <sub>1</sub> [W] | Lp <sub>A</sub> [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

