

AC centrifugal fans

backward curved, Ø 225



- **Material:** ⁽¹⁾ plastic impeller made of PA 6.6 (polyamide, fibre-glass reinforced), round sheet-metal plate; ⁽²⁾ impeller completely made of plastic PA 6.6, injection-moulded round sheet-metal plate
- **Direction of rotation:** clockwise, seen on rotor
- **Type of protection:** IP 44
- **Approvals:** CE

ebm-papst • Mulfingen

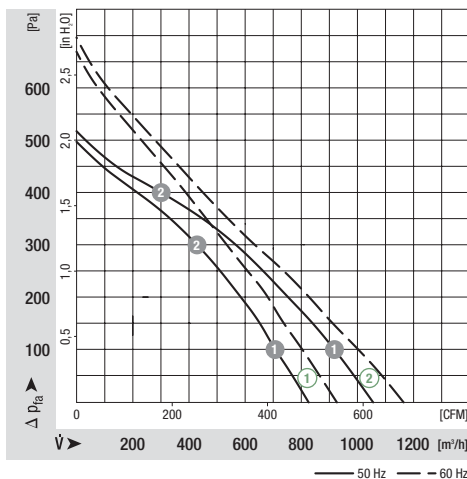
| Nominal data | | Characteristic | Nominal voltage | Frequency | Air flow | Speed/rpm | Power input | Current draw | Capacitor | Sound pressure level | Perm. amb. temp. | Mass | Electr. connection |
|------------------------------------|------------|----------------|-----------------|-----------|----------|-----------|-------------|--------------|-----------|----------------------|------------------|------|--------------------|
| Type | Motor | VAC | Hz | m³/h | min⁻¹ | W | A | µF/VDB | dB(A) | °C | kg | | |
| R2E 225-AT51 -05 ⁽¹⁾ | M2E 068-DF | ① | 230 | 50 | 850 | 2650 | 105 | 0,46 | 3,0/450 | 70 | -25..+60 | 2,1 | 1a) |
| | | | 230 | 60 | 945 | 2950 | 145 | 0,64 | 3,0/450 | 72 | -25..+65 | | |
| R2E 225-AX52 -05 ⁽¹⁾ | M2E 068-DF | ② | 230 | 50 | 1050 | 2700 | 115 | 0,51 | 3,0/450 | 72 | -25..+60 | 2,1 | 1a) |
| | | | 230 | 60 | 1160 | 3000 | 165 | 0,72 | 3,0/450 | 75 | -25..+30 | | |
| R2E 225-BD92 -09 ⁽²⁾⁽³⁾ | M2E 068-DF | ③ | 230 | 50 | 1200 | 2650 | 135 | 0,60 | 4,0/450 | 69 | -25..+60 | 2,1 | 1a) |
| | | | 230 | 60 | 1340 | 2950 | 200 | 0,88 | 4,0/450 | 71 | -25..+60 | | |
| R4E 225-AT01 -05 ⁽²⁾ | M4E 068-CF | ④ | 230 | 50 | 655 | 1420 | 40 | 0,20 | 1,5/400 | 59 | -25..+50 | 1,8 | 1a) |
| | | | 230 | 60 | 765 | 1660 | 37 | 0,18 | 1,0/400 | 61 | -25..+80 | | |

subject to alterations ⁽³⁾ insulation class "F"

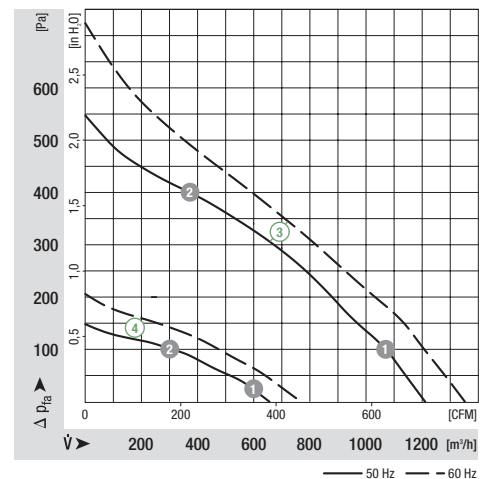
| | n [min⁻¹] | P ₁ [W] |
|-----|-----------|--------------------|
| ① ① | 2580 | 110 |
| ① ② | 2560 | 113 |
| ② ① | 2620 | 135 |
| ② ② | 2670 | 124 |

| | n [min⁻¹] | P ₁ [W] |
|-----|-----------|--------------------|
| ③ ① | 2610 | 146 |
| ③ ② | 2650 | 138 |
| ④ ① | 1410 | 41 |
| ④ ② | 1400 | 43 |

Characteristics



Characteristics



Dimensions

| Type | b | c | d | e | g | z | Inlet ring |
|------------------|------|----|------|----|------|----|--------------|
| R2E 225-AT51 -05 | 63,3 | 69 | 83,0 | 35 | 38,0 | 11 | 96358-2-4013 |
| R2E 225-AX52 -05 | 75,3 | 85 | 83,0 | 35 | 50,0 | 11 | 96358-2-4013 |
| R2E 225-BD92 -09 | 89,3 | 99 | 83,0 | 35 | 62,6 | 7 | 96358-2-4013 |
| R4E 225-AT01 -05 | 89,3 | 99 | 72,6 | 25 | 62,6 | 7 | 96358-2-4013 |

