

R2E220-AB06-05

AC centrifugal fan

backward curved, single inlet



ebm-papst Mulfingen GmbH & Co. KG

Bachmühle 2

74673 Mulfingen

Phone: +49 7938 81-0

Fax: +49 7938 81-110

www.fansco.com

sales@fansco.com

Nominal data

| | | | | |
|-------------------------------|----------------------|------|------|------|
| Type | R2E220-AB06-05 | | | |
| Motor | M2E068-CF | | | |
| Nominal voltage | [V] | 230 | 230 | 230 |
| Frequency | [Hz] | 50 | 60 | 60 |
| Valid for approval / standard | | CE | CE | UL2 |
| Speed | [min ⁻¹] | 2700 | 3050 | 3050 |
| Power input | [W] | 85 | 115 | 120 |
| Current draw | [A] | 0.38 | 0.51 | 0.51 |
| Motor capacitor | [μF] | 2.5 | 2.5 | 2.5 |
| Capacitor voltage | [VDB] | 400 | 400 | 400 |
| Max. ambient temperature | [°C] | | | 45 |
| Air flow | [m ³ /h] | 885 | 990 | 990 |
| Back pressure | [Pa] | 0 | 0 | 0 |
| Sound pressure level | [dB(A)] | 72 | 75 | 75 |

ml = max. load · me = max. efficiency · rfa = running at free air · cs = customer specs · cu = customer unit
Subject to alterations

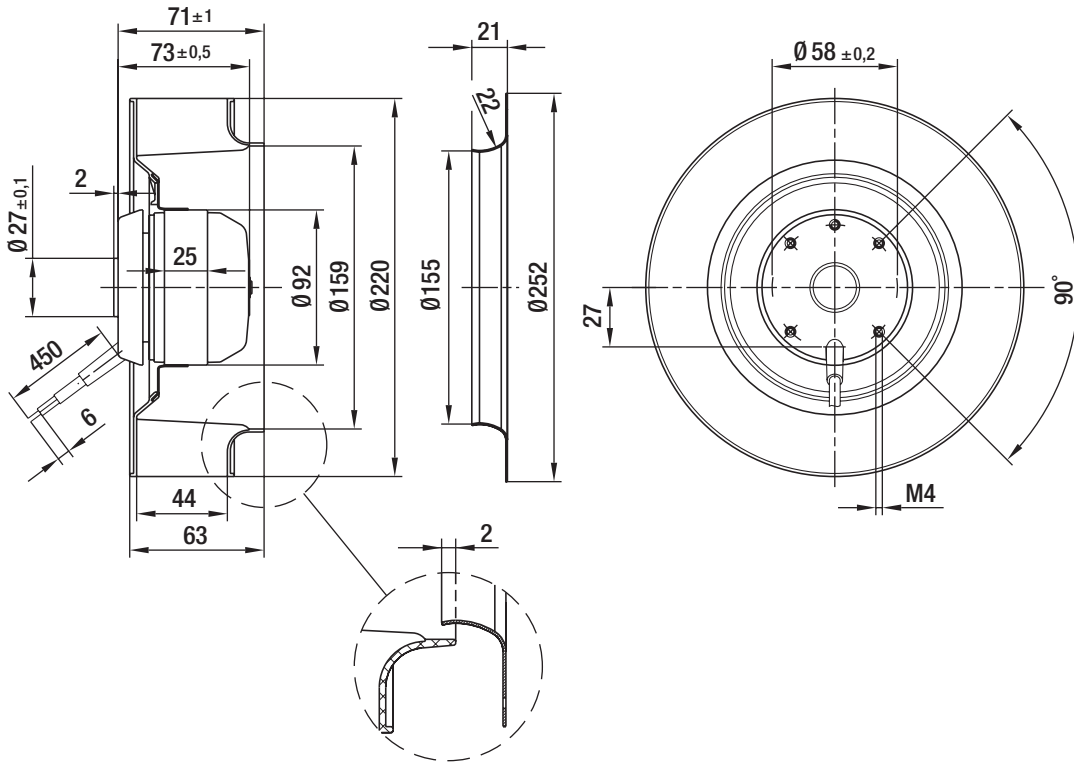
Technical features

| | |
|--|---|
| Size | 220 mm |
| Operation mode | Continuous operation (S1) |
| Direction of rotation | Clockwise, seen on rotor |
| Insulation class | "B" |
| Cable exit | Variable |
| Bearing-motor | Ball bearing |
| Mass | 1.5 kg |
| Material of electronics housing | Rotor: Coated in black |
| Material of impeller | PA plastic 6.6, fiberglass-reinforced |
| Motor protection | Thermal overload protector (TOP) wired internally |
| Product conforming to standard | CE |
| Number of blades | 11 |
| Type of protection | IP 44 |
| Protection class | I |
| Approval | CCC; GOST |

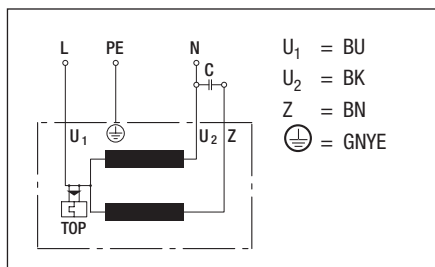
AC centrifugal fan

backward curved, single inlet

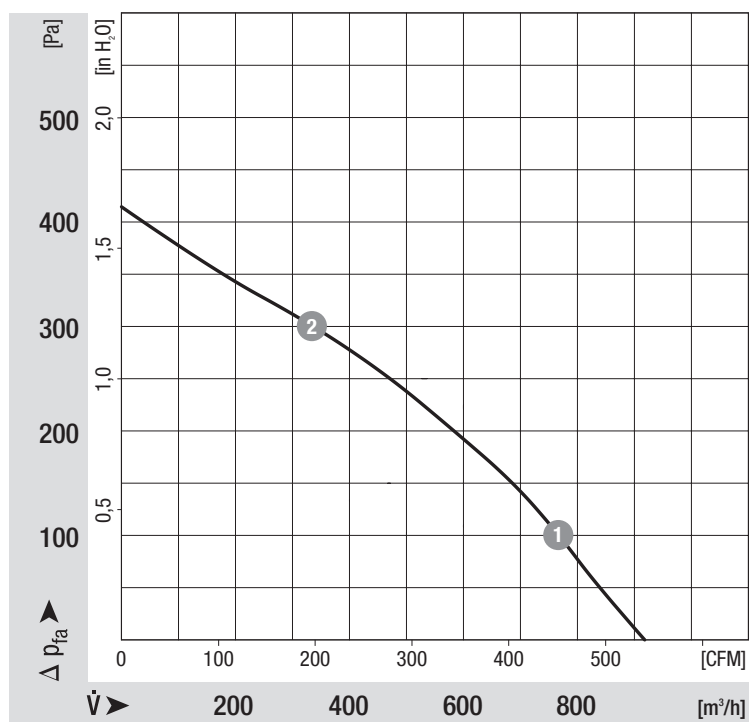
Product drawing



Connection screen



Charts: Air flow 50 Hz



| | n | P ₁ | I |
|---|----------------------|----------------|------|
| | [min ⁻¹] | [W] | [A] |
| 1 | 2650 | 96 | 0.43 |
| 2 | 2600 | 102 | 0.46 |

Charts: Air flow 60 Hz

