

**ebm-papst Mulfingen GmbH & Co. KG**

Bachmühle 2

74673 Mulfingen

Phone: +49 7938 81-0

Fax: +49 7938 81-110

www.ebmpapst.com

info1@de.ebmpapst.com

**Nominal data**

|                               |                      |      |      |
|-------------------------------|----------------------|------|------|
| Type                          | W2S130-AB03-11       |      |      |
| Motor                         | M2S052-CA            |      |      |
| Phase                         |                      | 1~   | 1~   |
| Nominal voltage               | [V]                  | 230  | 230  |
| Frequency                     | [Hz]                 | 50   | 60   |
| Type of data definition       |                      | rfa  | rfa  |
| Valid for approval / standard |                      | CE   | CE   |
| Speed                         | [min <sup>-1</sup> ] | 2800 | 3250 |
| Power input                   | [W]                  | 45   | 39   |
| Current draw                  | [A]                  | 0,3  | 0.25 |
| Max. ambient temperature      | [°C]                 | -    | -    |

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

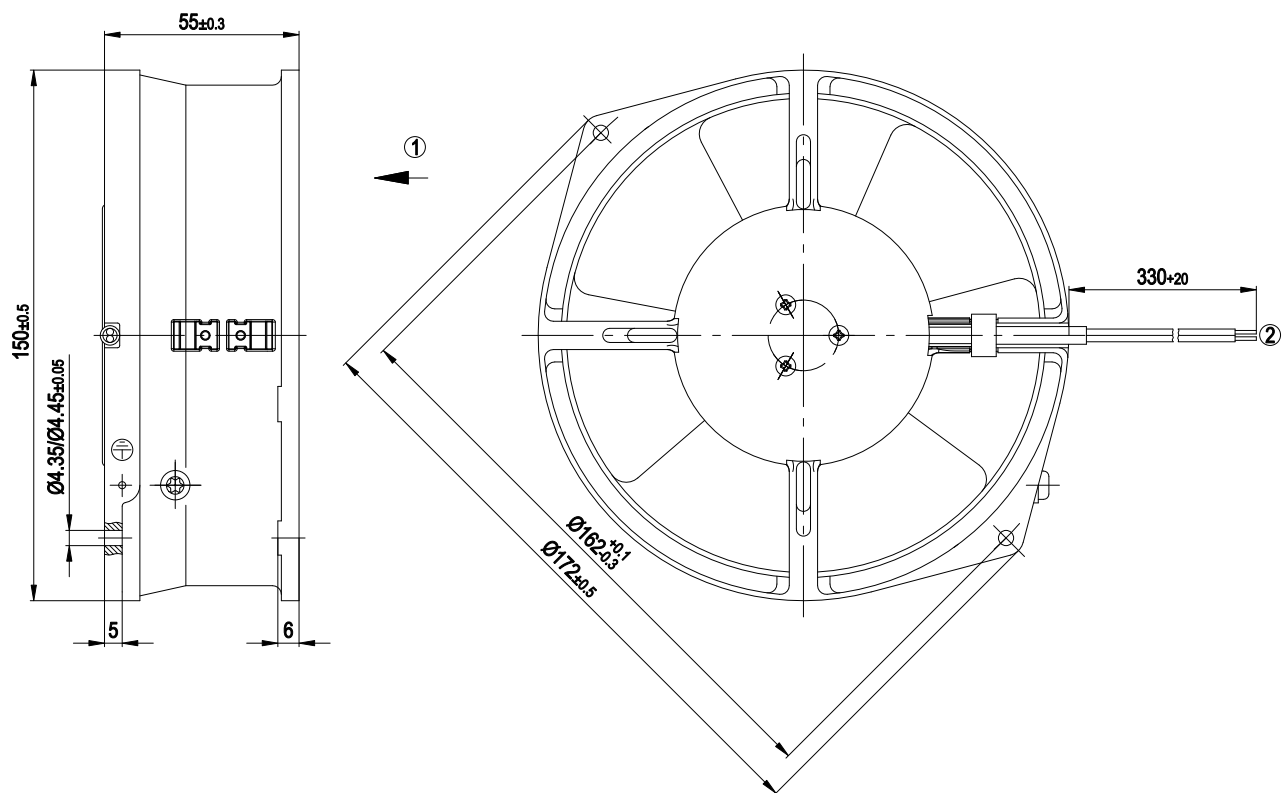


## Technical features

|                                                         |                                                   |
|---------------------------------------------------------|---------------------------------------------------|
| Leakage current                                         | < 0,75 mA                                         |
| Size                                                    | 130 mm                                            |
| Operation mode                                          | S1                                                |
| Direction of rotation                                   | Counter-clockwise, seen on rotor                  |
| Mounting position                                       | Any                                               |
| Direction of air flow                                   | "V"                                               |
| Insulation class                                        | "B"                                               |
| Condensate discharge holes                              | None                                              |
| Bearing motor                                           | Ball bearing                                      |
| Mass                                                    | 1.1 kg                                            |
| Material of blades                                      | Sheet steel, coated in black                      |
| Material of wall ring                                   | Die-cast aluminium, coated in black               |
| Motor protection                                        | Thermal overload protector (TOP) wired internally |
| Product conforming to standard                          | CE; EN 60335-1                                    |
| Surface of rotor                                        | Coated in black                                   |
| Number of blades                                        | 7                                                 |
| Type of protection                                      | IP 54                                             |
| Protection class                                        | I (if earth wire is connected by customer)        |
| Max. permissible ambient motor temp. (transp./ storage) | + 80 °C                                           |
| Min. permissible ambient motor temp. (transp./storage)  | - 40 °C                                           |

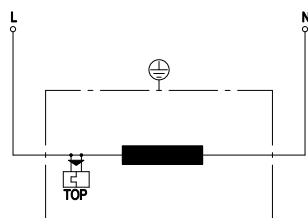


Product drawing



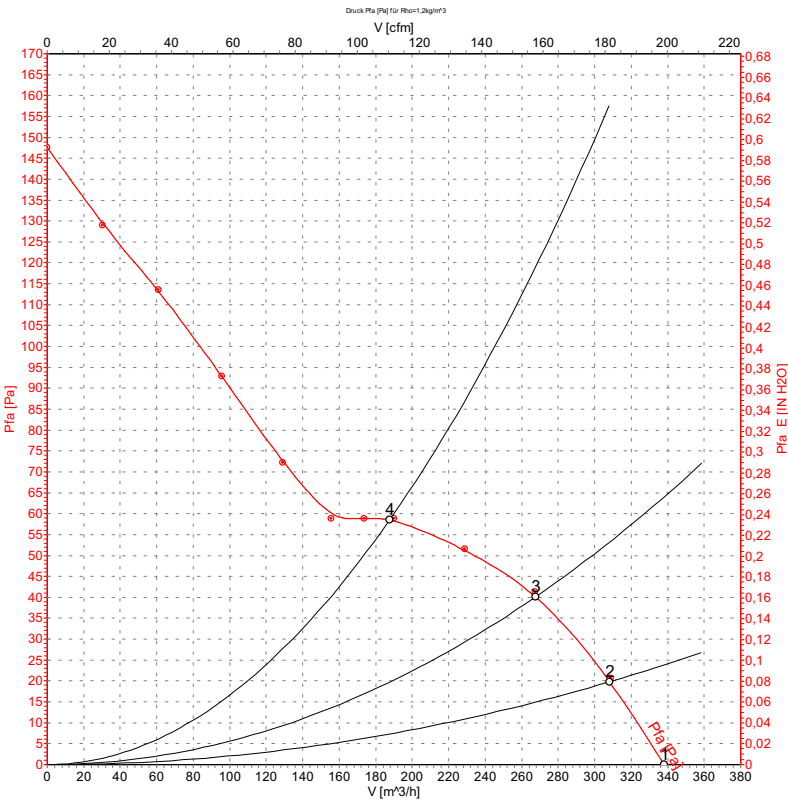
- |   |                                               |
|---|-----------------------------------------------|
| 1 | Direction of air flow "V"                     |
| 2 | Connection line ETFE, 2x tin-plated lead tips |

Connection screen



- |     |                              |
|-----|------------------------------|
| L   | = black                      |
| N   | = black                      |
| TOP | = Thermal overload protector |

Charts: Air flow 50 Hz

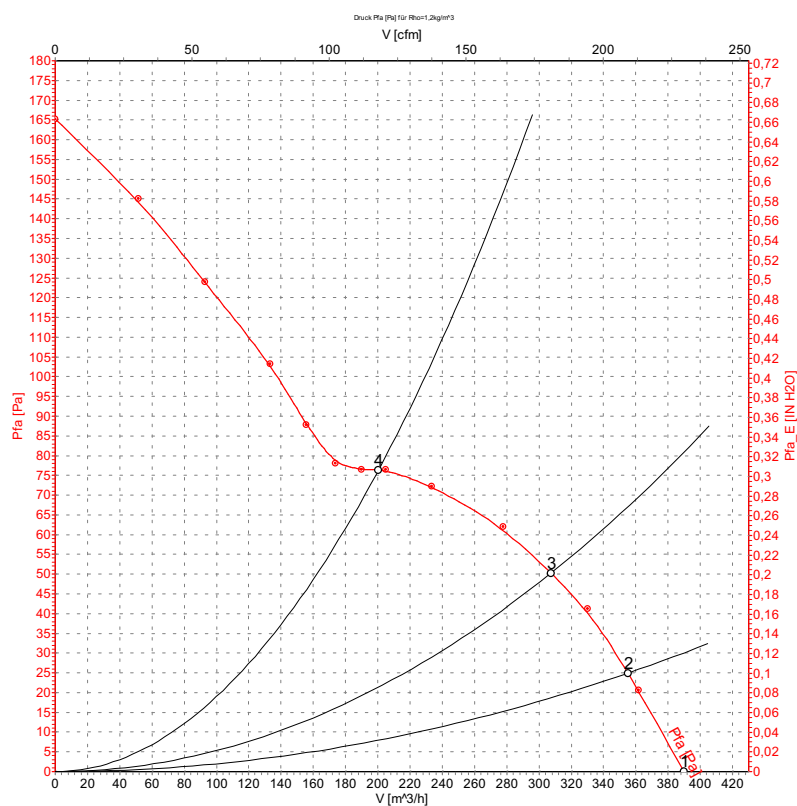


Measured values

|   | U   | f    | n                    | P <sub>1</sub> | I    | $\dot{V}$ | P <sub>fa</sub> |
|---|-----|------|----------------------|----------------|------|-----------|-----------------|
|   | [V] | [Hz] | [min <sup>-1</sup> ] | [W]            | [A]  | [m³/h]    | [Pa]            |
| 1 | 230 | 50   | 2800                 | 45             | 0.31 | 340       | 0               |
| 2 | 230 | 50   | 2795                 | 45             | 0.31 | 310       | 21              |
| 3 | 230 | 50   | 2780                 | 46             | 0.31 | 270       | 41              |
| 4 | 230 | 50   | 2780                 | 46             | 0.31 | 190       | 59              |



## Charts: Air flow 60 Hz



## Measured values

|   | U   | f    | n                    | P <sub>1</sub> | I    | $\dot{V}$ | P <sub>fa</sub> |
|---|-----|------|----------------------|----------------|------|-----------|-----------------|
|   | [V] | [Hz] | [min <sup>-1</sup> ] | [W]            | [A]  | [m³/h]    | [Pa]            |
| 1 | 230 | 60   | 3250                 | 39             | 0.25 | 390       | 0               |
| 2 | 230 | 60   | 3200                 | 42             | 0.25 | 355       | 25              |
| 3 | 230 | 60   | 3165                 | 43             | 0.26 | 305       | 50              |
| 4 | 230 | 60   | 3170                 | 43             | 0.26 | 200       | 76              |



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