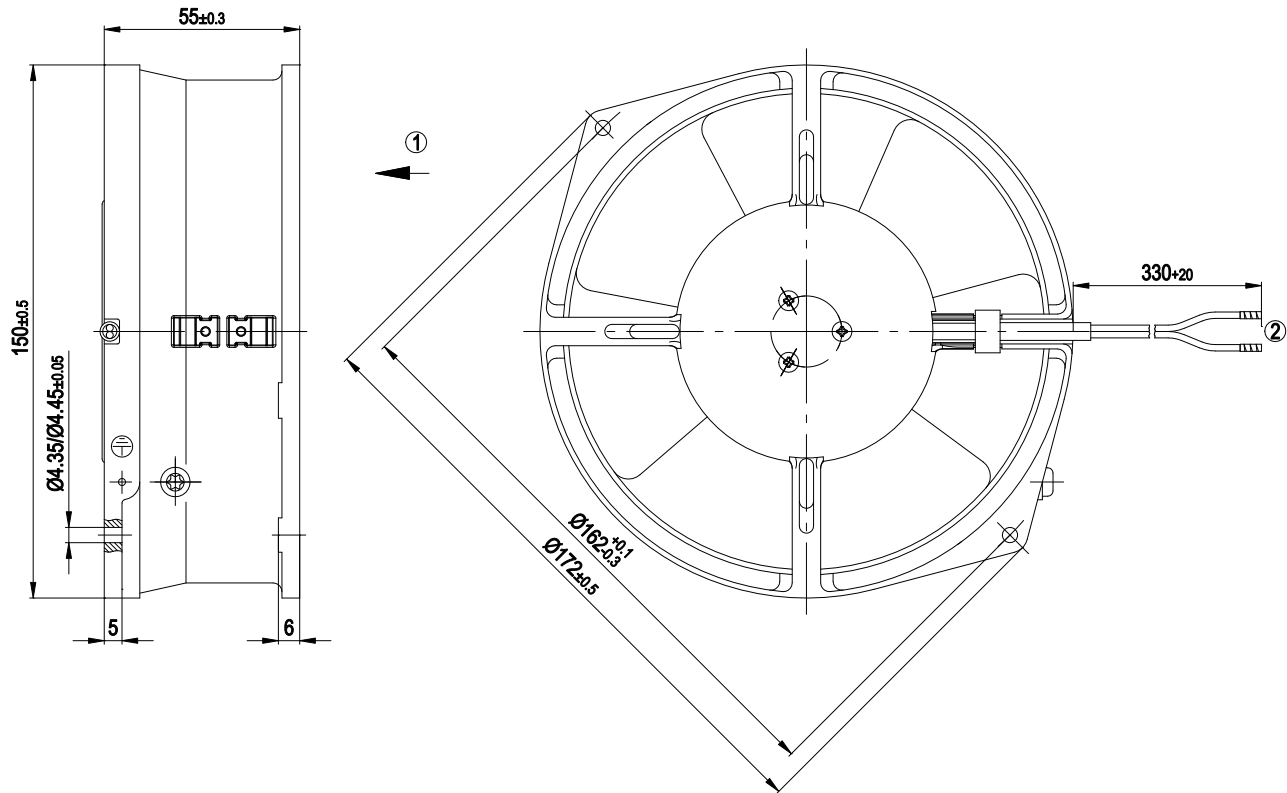


3. TECHNICAL DATA

3.1 Product drawing



All measures have the unit mm.

1	Direction of air flow "V"
2	Connection line ETFE, 2x brass lead tips crimped

3.2 Nominal data

Motor	M2S052-CA	
Phase	1~	1~
Nominal voltage / VAC	230	230
Frequency / Hz	50	60
Type of data definition	fa	fa
Valid for approval / standard	CE	CE
Speed / min⁻¹	2800	3250
Power input / W	45	39
Current draw / A	0.3	0.25
Max. ambient temperature / °C	-	-
Starting current / A	0.45	0.40

ml = max. load · me = max. efficiency · fa = running at free air
 cs = customer specs · cu = customer unit

Subject to alterations

3.3 Technical features

Mass	1.1 kg
Size	130 mm
Surface of rotor	Coated in black
Material of blades	Sheet steel, coated in black
Material of wall ring	Die-cast aluminium, coated in black
Number of blades	7
Direction of air flow	"V"
Direction of rotation	Counter-clockwise, seen on rotor
Type of protection	IP 54
Insulation class	"B"
Mounting position	any
Condensate discharge holes	None
Operation mode	S1
Motor bearing	Ball bearing
Touch current acc. IEC 60990 (measuring network Fig. 4, TN system)	< 0.75 mA
Motor protection	Thermal overload protector (TOP) wired internally
Protection class	I (if earth wire is connected by customer)
Product conforming to standard	EN 60335-1; CE



For cyclic speed loads, note that the rotating parts of the device are designed for maximum one million load cycles. If you have specific questions, contact ebm-papst for support.

3.4 Mounting data

For depth of screw, see chapter 3.1 Product drawing

⇒ Secure the mounting screws against accidentally coming loose (e.g. by using self-locking screws).

Strength class for mounting screws	8.8
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You can obtain additional mounting data from the product drawing if necessary.

3.5 Transport and storage conditions

⇒ Use the device in accordance with its protection type.

Max. permissible ambient motor temp. (transp./ storage)	+ 80 °C
Min. permissible ambient motor temp. (transp./storage)	- 40 °C