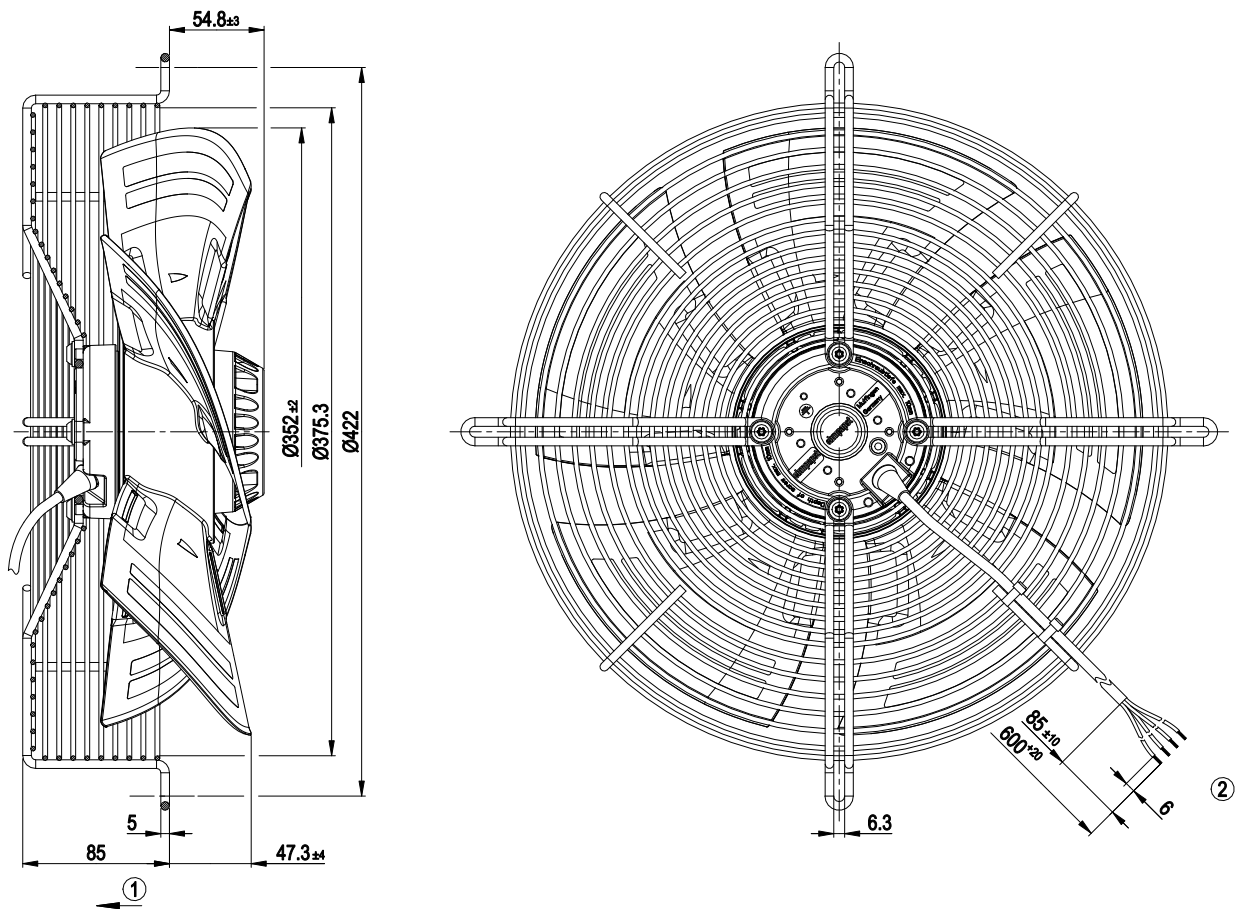


3. TECHNICAL DATA

3.1 Product drawing



All dimensions in mm.

1	Direction of air flow "V"
2	Cable silicone 4G 0.5 mm ² , 4x crimped splices

3.2 Nominal data

Motor	M6E074-DF			
Phase	1~	1~	1~	1~
Nominal voltage / VAC	230	230	240	240
Frequency / Hz	50	60	50	60
Method of obtaining data	ml	ml	ml	ml
Valid for approval/standard	CE	CE	CE	CE
Speed (rpm) / min ⁻¹	910	1020	910	1040
Power consumption / W	75	95	80	96
Current draw / A	0.35	0.42	0.36	0.41
Capacitor / μ F	2	2	2	2
Capacitor voltage / VDB	400	400	450	450
Capacitor standard	S0 (CE)	S0 (CE)	S0 (CE)	S0 (CE)
Max. back pressure / Pa	40	50	40	53
Min. ambient temperature / °C	-25	-25	-25	-25
Max. ambient temperature / °C	50	55	50	55
Starting current / A	0.56	0.51	0.57	0.52

ml = Max. load · me = Max. efficiency · fa = Free air
 cs = Customer specification · ce = Customer equipment

Subject to change

3.3 Technical description

Weight	4.6 kg
Fan size	350 mm
Rotor surface	Painted black
Blade material	Press-fitted sheet steel blank, sprayed with PP plastic
Guard grille material	Steel, coated with black plastic (RAL 9005)
Number of blades	5
Airflow direction	"V"
Direction of rotation	Counterclockwise, viewed toward rotor
Degree of protection	IP44; installation- and position-dependent as per EN 60034-5
Insulation class	"B"
Moisture (F) / Environmental (H) protection class	H1
Installation position	Shaft horizontal or rotor on bottom; rotor on top on request
Condensation drainage holes	On rotor side
Mode	S1
Motor bearing	Ball bearing
Touch current according to IEC 60990 (measuring circuit Fig. 4, TN system)	< 0.75 mA
Motor protection	Thermal overload protector (TOP) internally connected
with cable	Variable
Protection class	I (with customer connection of protective earth)

Conformity with standards	EN 60335-1; CE
Approval	CCC



With regard to cyclic speed loads, note that the rotating parts of the device are designed for a maximum of one million load cycles. If you have special questions, consult ebm-papst for support.

⇒ Use the device in accordance with its degree of protection.

Information on surface quality

The surfaces of the products conform to the generally applicable industrial standard. The surface quality may change during the production period. This has no effect on strength, dimensional stability and dimensional accuracy.

The color pigments in the paints used perceptibly react to UV light over the course of time. This does not however in any way affect the technical properties of the products. The product is to be protected against UV radiation to prevent the formation of patches and fading. Changes in color are not a reason for complaint and are not covered by the warranty.

3.4 Mounting data

For screw clearance, see Chapter 3.1 Product drawing

Strength class of screws	8.8
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⇒ Secure the screws against unintentional loosening (e.g. use self-locking screws).

Any further mounting data required can be taken from the product drawing or Section Chapter 4.1 Mechanical connection.

3.5 Transport and storage conditions

Max. permitted ambient temp. for motor (transport/storage)	+ 80 °C
Min. permitted ambient temp. for motor (transport/storage)	- 40 °C