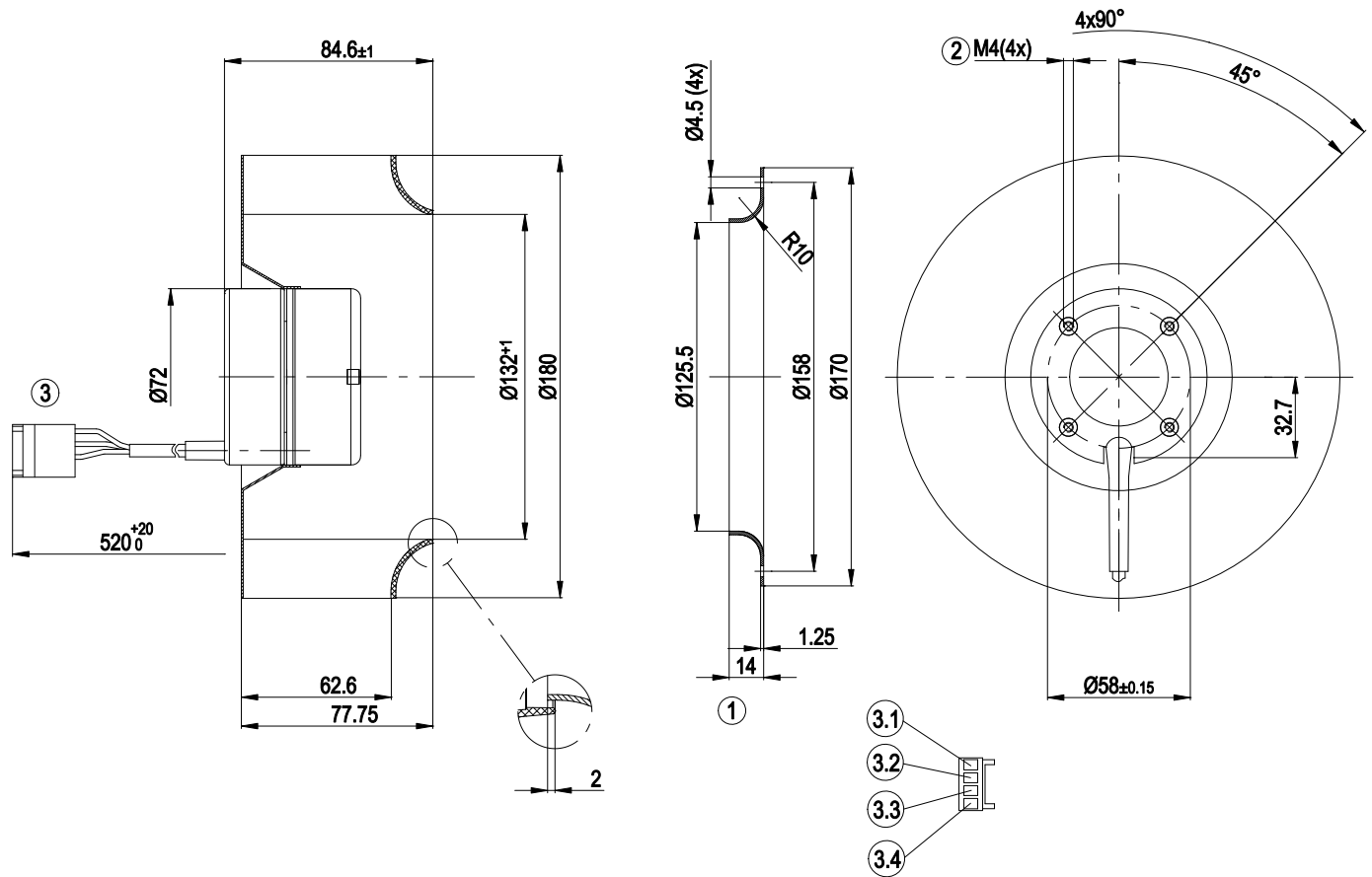


3. TECHNICAL DATA

3.1 Product drawing



All measures have the unit mm.

1	Accessory part: Inlet nozzle 96358-2-4013 not included in scope of delivery
2	Thread reach max. 6 mm
3	Connection line PVC AWG22 with connector housing 4-pole Molex 22-01-2045, 3x plug Molex 08-56-0109
3.1	Tach
3.2	GND
3.3	UN +24 VDC
3.4	not used

3.2 Nominal data

Motor	M1G055-BD
Nominal voltage / VDC	24
Nominal voltage range / VDC	16 .. 28
Type of data definition	fa
Speed / min ⁻¹	1800
Power input / W	27
Current draw / A	1.25
Min. ambient temperature / °C	-25
Max. ambient temperature / °C	60

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	0.8 kg
Size	180 mm
Material of impeller	PA plastic
Material of inlet nozzle	Sheet steel, galvanised
Direction of rotation	Clockwise, seen on rotor
Type of protection	IP 22
Insulation class	"B"
Humidity class	F0
Mounting position	Any
Condensate discharge holes	None
Operation mode	S1
Motor bearing	Ball bearing
Technical features	- Tach output - Motor current limit - Soft start - PWM control input
Electrical leads	With plug
Motor protection	Reverse polarity and locked-rotor protection
Cable exit	Variable
Protection class	I (if protective earth is connected by customer)
Product conforming to standard	EN 60335-1



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