



Image is for illustrative purposes only. Actual product may vary.

## Nominal data

|                    |                                      |  |
|--------------------|--------------------------------------|--|
| <b>Model</b>       | <b>BL-B190A-2E-A01-01 (50/60 Hz)</b> |  |
| <b>Motor model</b> | <b>MA2E-9217A-A01-01</b>             |  |

|                        |        |         |
|------------------------|--------|---------|
| <b>Phase</b>           |        | 1~      |
| <b>Nominal Voltage</b> | VAC    | 230     |
| <b>Frequency</b>       | Hz     | 50/60   |
| <b>Capacitor</b>       | μF/VDB | 1.5/450 |

|                                 |       | 50 Hz | 60 Hz |
|---------------------------------|-------|-------|-------|
| <b>Speed</b>                    | min-1 | 3000  | 3500  |
| <b>Power consumption</b>        | W     | 60    | 80    |
| <b>Current draw</b>             | A     | 1     | 1.5   |
| <b>Min. ambient temperature</b> | °C    | -25   | -25   |
| <b>Max. ambient temperature</b> | °C    | +50   | +50   |

Power and current values represent maximum ratings; speed values are specified at maximum efficiency point.

## Technical Data

|   |   |
|---|---|
| <b>Weight</b>   | 1.4 kg  |
| <b>Impeller size</b>  | 190 mm  |
| <b>Impeller material</b>  | PA plastic + 30% glass fiber  |
| <b>Number of blades</b>   | 7   |
| <b>Direction of rotation</b>                                      | Clockwise, seen on rotor  |
| <b>Motor size</b>   | 92  |
| <b>Bearing type</b>   | Ball bearings   |
| <b>Insulation class</b>   | B   |
| <b>Degree of protection</b>                                       | IP44  |
| <b>Motor protection</b>   | Self-resetting TOP wired internally   |
| <b>Operation mode</b>   | Continuous duty (S1)  |
| <b>Installation position</b>                                      | Any   |
| <b>Min. permitted ambient temp. for motor (transport/storage)</b> | -40 °C  |
| <b>Max. permitted ambient temp. for motor (transport/storage)</b> | +80 °C  |
| <b>Cable length</b>   | 470 ±20 mm  |
| <b>Conformity with standards</b>                                  | - Safety standards: EN 60335-1<br>- Material compliance: RoHS, REACH<br>- Quality certification: ISO 9001 |
| <b>Warranty period</b>  | 2 years / 40 000 motor hours  |

## Connection diagram

|                    | Designation | Color        | Function / assignment |
|--------------------|-------------|--------------|-----------------------|
| <b>Connections</b> | PE          | Green/Yellow | Protective Earth      |
|                    | L           | Blue         | Phase                 |
|                    | N           | Black        | Neutral               |
|                    | C           | Brown        | Capacitor             |

CAUTION: incorrect connection may lead to product malfunction or permanent damage.

**Curves: Air performance 50 Hz**

