



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

Nominal data

| | | |
|--------------------|-----------------------|--|
| Model | BL-B190B-EC-07 | |
| Motor model | MEC3C-72-95-01 | |

| | | |
|------------------------------|-----|-------|
| Phase | | 1~ |
| Nominal Voltage | VAC | 120 |
| Nominal voltage range | VAC | |
| Frequency | Hz | 50/60 |

| | | |
|---------------------------------|-----|------|
| Speed | RPM | 3400 |
| Power consumption | W | 95 |
| Current draw | A | 1.3 |
| Min. ambient temperature | °C | -25 |
| Max. ambient temperature | °C | +50 |

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

Data according to Commission Regulation (EU) 2024/1834

| General parameters | | |
|-------------------------------|---|--|
| Measurement category | | |
| Overall efficiency, ns | % | |
| Minimum efficiency, n | % | |

| Working point | | |
|----------------------|-------------------|--|
| Power | W | |
| Flow rate | m ³ /h | |
| Pressure (Ps) | Pa | |

Technical Data

| | |
|---|---|
| Weight | 1 kg |
| Impeller size | 190 mm |
| Impeller material | PA plastic + 30% glass fiber |
| Number of blades | 7 |
| Direction of rotation | Clockwise, seen on rotor |
| Motor size | 72 |
| Bearing type | Ball bearings |
| Insulation class | B |
| Degree of protection | IP55 |
| Motor protection | Self-resetting TOP wired internally |
| Operation mode | Continuous duty (S1) |
| Installation position | Any |
| Min. permitted ambient temp. for motor (transport/storage) | -40 °C |
| Max. permitted ambient temp. for motor (transport/storage) | +80 °C |
| Cable length | 500 ±20 mm |
| Technical features | <ul style="list-style-type: none"> - Soft Start - Overcurrent Protection - Excessive Voltage Protection - Less Voltage Protection - Thermal Protection - Locked Rotor Protection - Control Input 0-10 VDC / PWM - Output 10 VDC, Max. 10 mA |
| Conformity with standards | <ul style="list-style-type: none"> - Material compliance: RoHS, REACH - Quality certification: ISO 9001 - North America compliance: cETLus (3166456) - Safety standards: UL 507, CSA C22.2 № 113 |
| Warranty period | 2 years / 40 000 motor hours |

