



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

### Nominal data

<b>Model</b>	<b>BL-B190A-2E-A03-01 (2-speed)</b>	
<b>Motor model</b>	<b>MA2E-9217A-A06-01</b>	

<b>Phase</b>		1~
<b>Nominal Voltage</b>	VAC	230
<b>Frequency</b>	Hz	50
<b>Capacitor</b>	μF/VDB	3/450

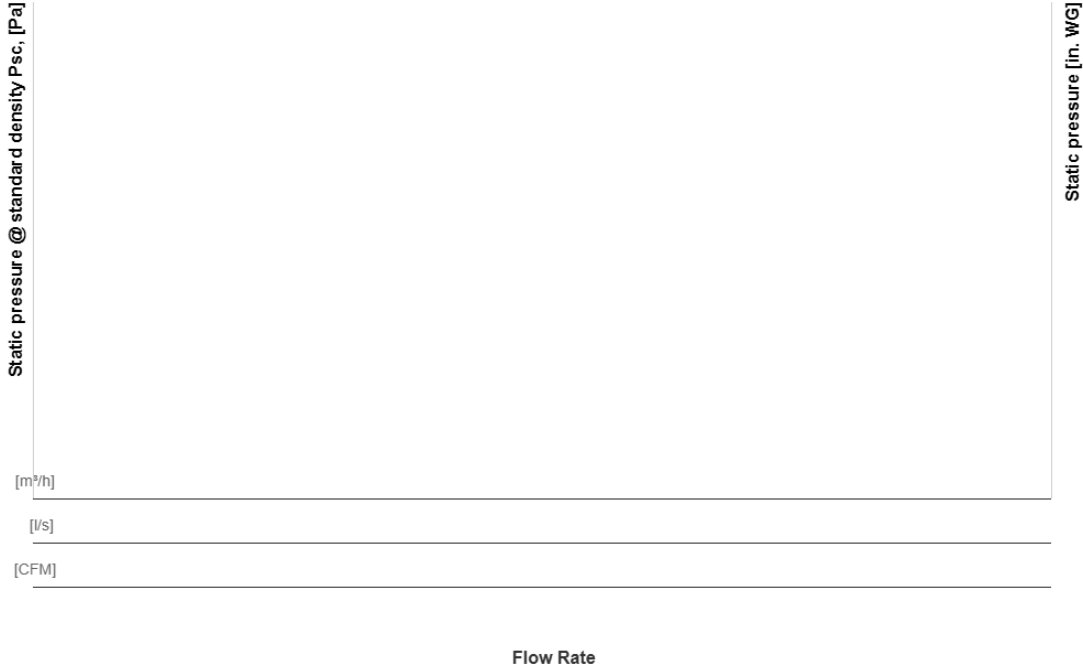
		MIN	MAX
<b>Speed</b>	min-1	2000	2400
<b>Power consumption</b>	W	30	60
<b>Current draw</b>	A	0.8	1.1
<b>Min. ambient temperature</b>	°C	-25	-25
<b>Max. ambient temperature</b>	°C	+50	+50

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

## Technical Data

<b>Weight</b>	1.3 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>	350±20 mm
<b>Conformity with standards</b>	- Safety standards: EN 60335-1 - Material compliance: RoHS, REACH - Quality certification: ISO 9001
<b>Warranty period</b>	2 years / 40 000 motor hours

**Curves: Air performance 50 Hz**



Static pressure [in. WG]

Measuring device: ANSI/AMCA 210-07  
ANSI/ASHRAE 51-07 (Fig. 15). Installation  
category: A (Free inlet, Free outlet).  
Conversion of pressure (Ps) to standard density  
(Psc) - in accordance with ANSI/AMCA 210-07  
clause 7.9.1 \*Conversion to other air densities with  
incompressible flow.

Speed