



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

Nominal data

Model	BC-B190B-EC-00
Motor model	MEC3C-72-95-01

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

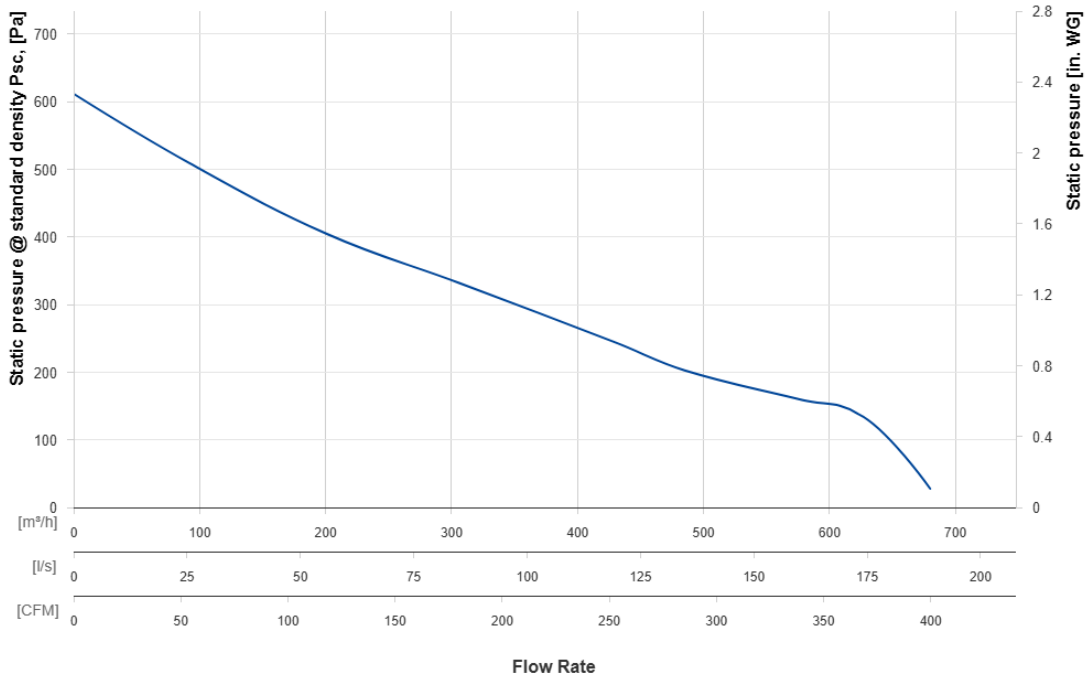
Speed	RPM	3400
Power consumption	W	85
Current draw	A	1.1
Min. ambient temperature	°C	-25
Max. ambient temperature	°C	+50

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

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"> - Control Input 0-10 VDC / PWM - Locked Rotor Protection - Thermal Protection - Excessive Voltage Protection - Less Voltage Protection - Overcurrent Protection - Soft Start - Output 10 VDC, Max. 10 mA
Conformity with standards	<ul style="list-style-type: none"> - Safety standards: UL 507, CSA C22.2 № 113 - North America compliance: cETLus (3166456) - Material compliance: RoHS, REACH - Quality certification: ISO 9001
Warranty period	2 years / 40 000 motor hours

Curves: Air performance 50 Hz



V	U, V	P, W	I, A	n, min ⁻¹	Psc, Pa	Psc, in.WG	Q, L/s	Q, m³/h	Q, CFM	W/(l/s)
10V	120	84,7	1,12	3348	27,7	0,11	188,9	680,0	399,8	0,45
10V	120	84,5	1,13	3240	138,2	0,56	173,1	623,0	366,3	0,49
10V	120	84,4	1,13	3252	158,7	0,64	160,8	579,0	340,5	0,52
10V	120	84,3	1,14	3192	202,8	0,81	134,7	485,0	285,2	0,63