



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

Nominal data

Model	BL-B133A-EC-00	
Motor model	MEC3E-72-95-00	

Phase		1~
Nominal Voltage	VAC	230
Nominal voltage range	VAC	
Frequency	Hz	50/60

Speed	RPM	4200
Power consumption	W	42
Current draw	A	0.4
Min. ambient temperature	°C	-25
Max. ambient temperature	°C	+60

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

Data according to Commission Regulation (EU) 2024/1834

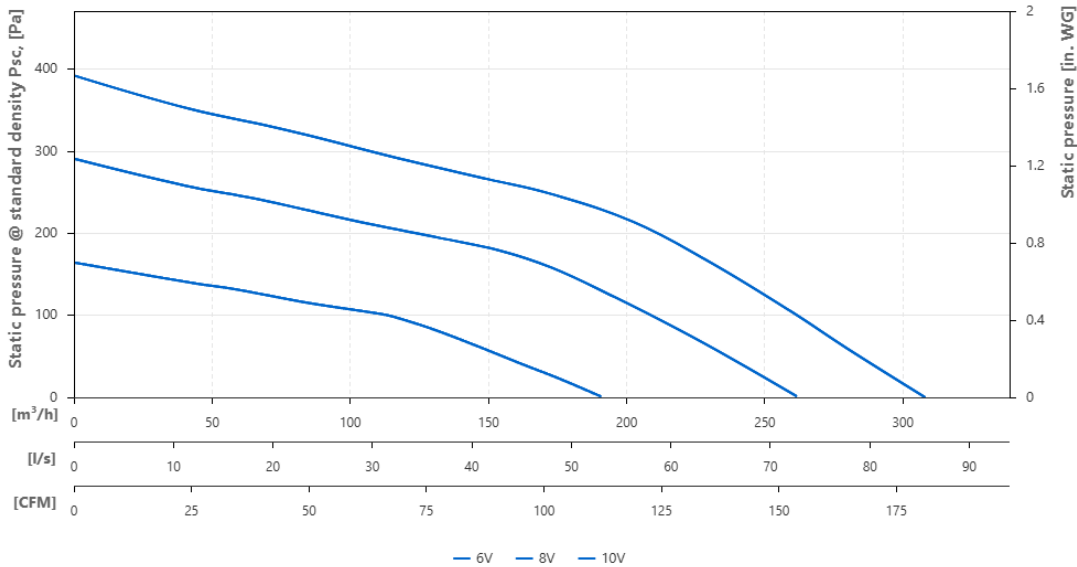
General parameters		
Measurement category		
Overall efficiency, ns	%	
Minimum efficiency, n	%	

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

Technical Data

Weight	1 kg
Impeller size	133 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
Conformity with standards	<ul style="list-style-type: none">- Safety standards: EN 60335-1, EN 60335-2-80- Electromagnetic compatibility: EN IEC 61000-3-2, EN 61000-3-3, EN IEC 61000-6-1, EN IEC 61000-6-3, EN IEC 55014-1, EN IEC 55014-2- EU compliance: CE, 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, m ³ /h	Q, CFM	W/(l/s)	ηt [%]
10V	229	41,4	0,37	4182	0,6	0,00	85,5	307,8	181,0	0,48	3,3
10V	229	42,5	0,38	4178	59,8	0,24	77,7	279,8	164,5	0,55	13,1
10V	229	43,1	0,39	4179	105,4	0,42	72,0	259,2	152,4	0,60	19,2
10V	229	44,0	0,40	4169	166,4	0,67	63,7	229,4	134,9	0,69	24,9
8V	229	26,9	0,26	3596	1,8	0,01	72,6	261,3	153,6	0,37	3,5
8V	229	27,3	0,26	3596	45,3	0,18	66,4	239,0	140,5	0,41	13,1
8V	229	28,3	0,27	3590	82,5	0,33	60,8	218,8	128,7	0,47	19,1
8V	229	28,9	0,28	3584	122,5	0,49	54,3	195,5	115,0	0,53	23,8
6V	229	12,7	0,14	2674	1,4	0,01	52,9	190,5	112,0	0,24	3,0
6V	229	13,1	0,15	2675	23,4	0,09	48,7	175,2	103,0	0,27	10,4
6V	229	13,4	0,15	2672	40,1	0,16	45,1	162,5	95,6	0,30	14,7
6V	229	13,6	0,15	2672	64,1	0,26	40,2	144,8	85,1	0,34	19,6