



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

### Nominal data

<b>Model</b>	<b>BL-B133A-EC-00</b>	
<b>Motor model</b>	<b>MEC3E-72-95-00</b>	

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

<b>Speed</b>	RPM	4200
<b>Power consumption</b>	W	42
<b>Current draw</b>	A	0.4
<b>Min. ambient temperature</b>	°C	-25
<b>Max. ambient temperature</b>	°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

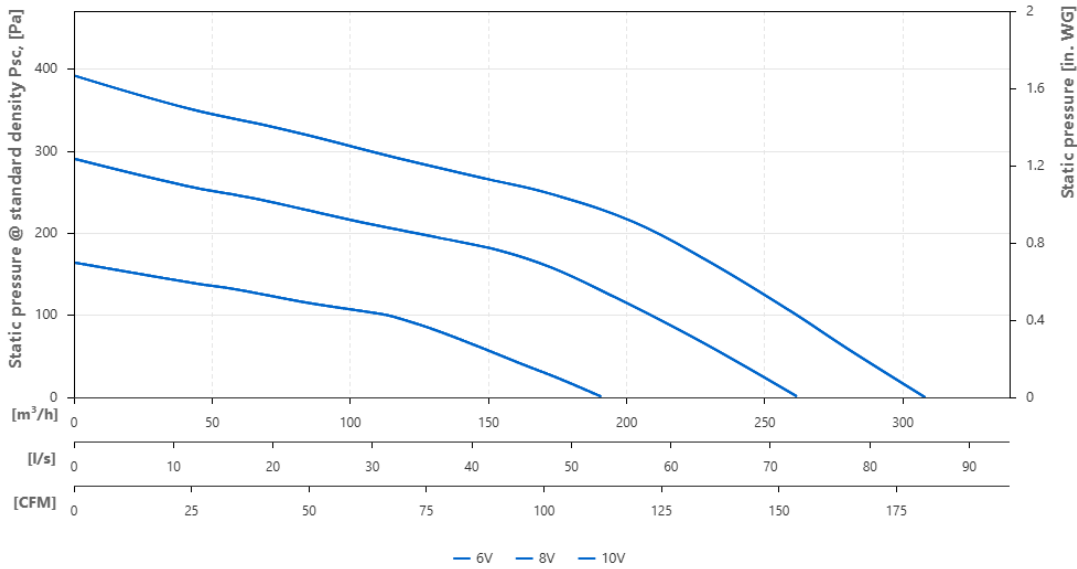
General parameters		
<b>Measurement category</b>		
<b>Overall efficiency, ns</b>	%	
<b>Minimum efficiency, n</b>	%	

Working point		
<b>Power</b>	W	
<b>Flow rate</b>	m <sup>3</sup> /h	
<b>Pressure (Ps)</b>	Pa	

## Technical Data

<b>Weight</b>	1 kg
<b>Impeller size</b>	133 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>	72
<b>Bearing type</b>	Ball bearings
<b>Insulation class</b>	B
<b>Degree of protection</b>	IP55
<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>	500 ±20 mm
<b>Conformity with standards</b>	<ul style="list-style-type: none"> <li>- Safety standards: EN 60335-1, EN 60335-2-80</li> <li>- 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</li> <li>- EU compliance: CE, RoHS, REACH</li> <li>- Quality certification: ISO 9001</li> </ul>
<b>Warranty period</b>	2 years / 40 000 motor hours

**Curves: Air performance 50 Hz**



V	U, V	P, W	I, A	n, min <sup>-1</sup>	Psc, Pa	Psc, in. WG	Q, L/s	Q, m <sup>3</sup> /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