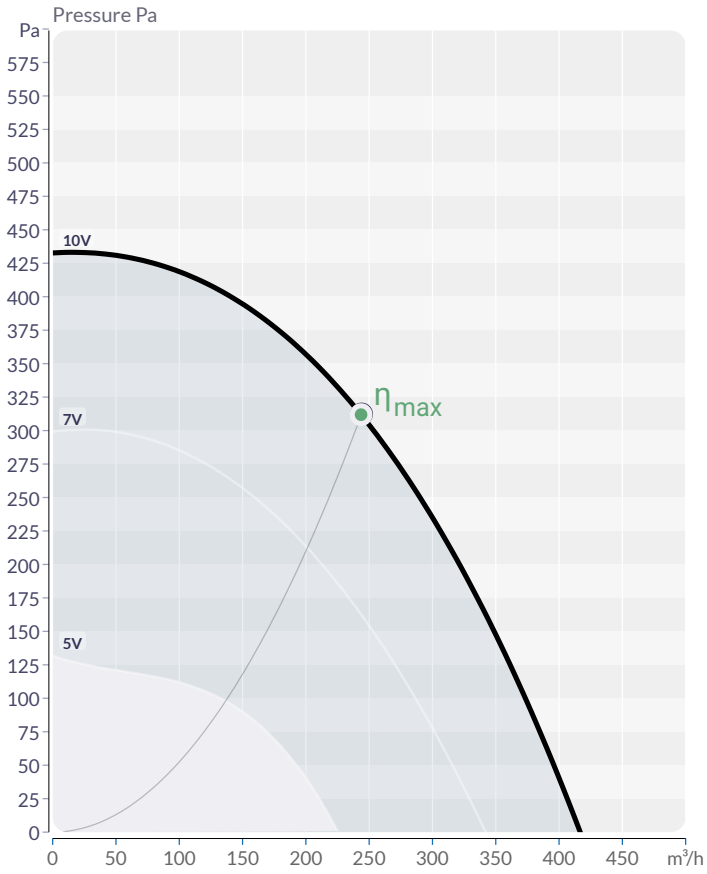
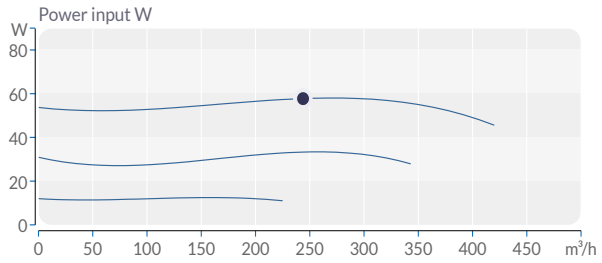
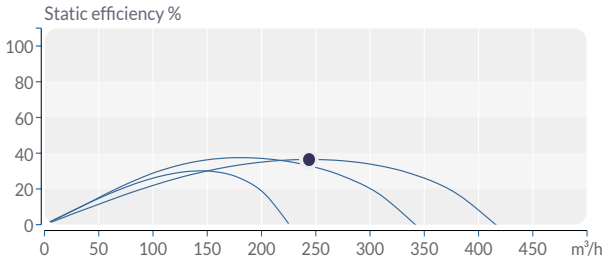
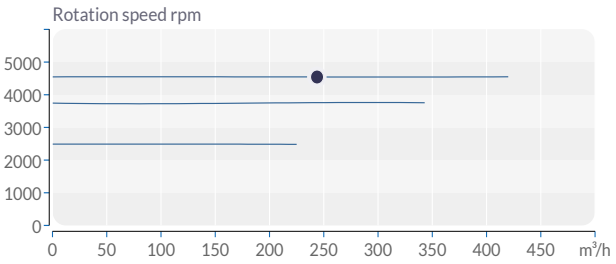
B3P133-EC072-010
Symbol: Number of pieces:1









Required working point

Flow	Q	244	m³/h
Pressure	Δp	313	Pa
Ambient temperature	t_{MED}	20	°C

Operating point

Flow	Q	244	244	m³/h
Static pressure	Δp_{ST}	312	313	Pa
Dynamic pressure	Δp_{D}	14	14	Pa
Total pressure	Δp_{TOT}	327	327	Pa
Absorbed power	P_{ABS}	58	58	W
Current	I_{ABS}	0.45	0.45	A
Instantaneous Rotational Speed	n	4539	4539	rpm
Speed	v	4.87	4.87	m/s
Static efficiency	η_{ST}	36.5	36.5	%
Total efficiency	η_{TOT}	38.2	38.2	%
SFP	SFP	855	856	W/m³/s
Regulation		-	-	EC

Sound power level	63Hz	125Hz	250Hz	500Hz	1kHz	2kHz	4kHz	8kHz	Σ
inlet - L_{WA5}	62	72	79	87	87	81	76	68	**91**
outlet - L_{WA6}	33	57	71	83	85	80	75	68	**88**
emitted - L_{WA2}	33	57	71	83	85	80	75	68	**88**

Sound pressure level	63Hz	125Hz	250Hz	500Hz	1kHz	2kHz	4kHz	8kHz	Σ
inlet - L_{PA5}	48	58	65	73	73	67	62	54	**77**
outlet - L_{PA6}	19	43	57	69	71	66	61	54	**74**
emitted - L_{PA2}	19	43	57	69	71	66	61	54	**74**

Sound pressure level calculated from the parameters
distance from the fan 3m, slope coefficient Q: 2, sound wave interference, equivalent absorption area 200m² Sabine

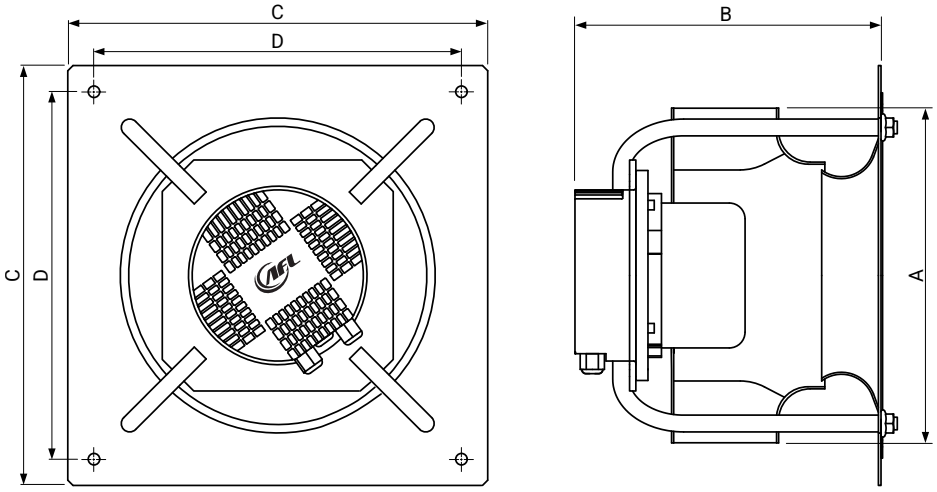
Nominal parameters

Maximum Airflow Volume	Q_{MAX}	420	m³/h
Maximum Static Pressure	Δp_{MAX}	434	Pa
Nominal power	P_{NOM}	45	W
Nominal Rotational Speed	n	4500	rpm
Nominal current	I_{NOM}	0.32	A
Nominal voltage	I_{NOM}	230	V
Number of phases	~	1	
Nominal frequency	f_{NOM}	50	Hz
Diameter	Ø	133	mm
Unit weight	m	1.2	kg
Maximum Achievable Rotational Speed	n_{MAX}	4500	rpm
Maximum power consumption	P_{MAX}	62	W
Minimum operating temperature	t_{OPmin}	-25	°C
Maximum operating temperature	t_{OPmax}	60	°C
Number of Motor Poles	pole	-	x
Motor type		EC	
Type of motor control		EC	
Motor insulation class		B	
Motor protection class		IP44	

B3P133-EC072-010

Symbol: Number of pieces:1

Dimensions [mm]



A	B	C	D
133	117,5	165	138