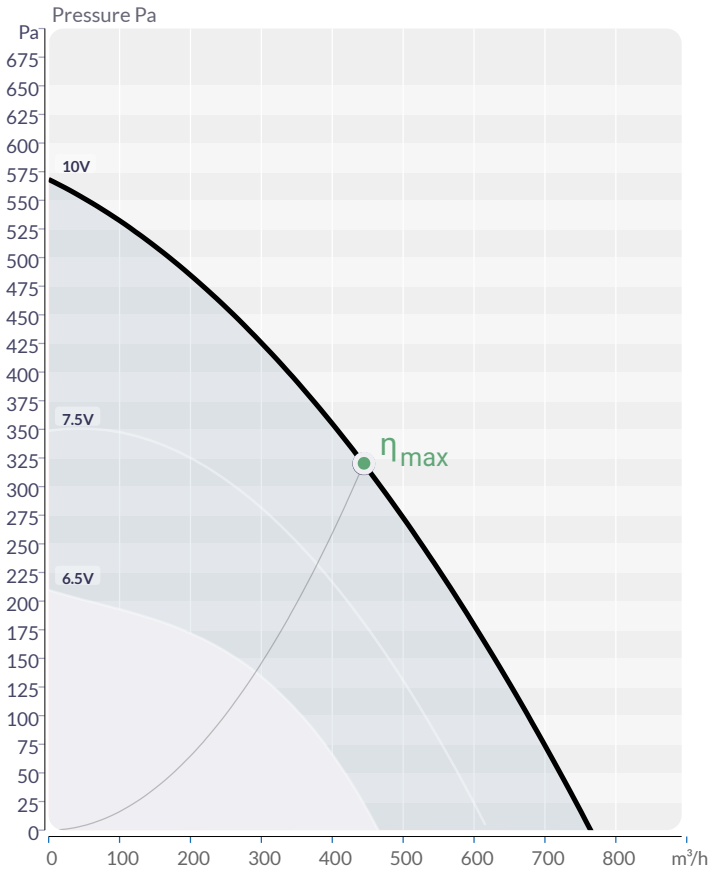
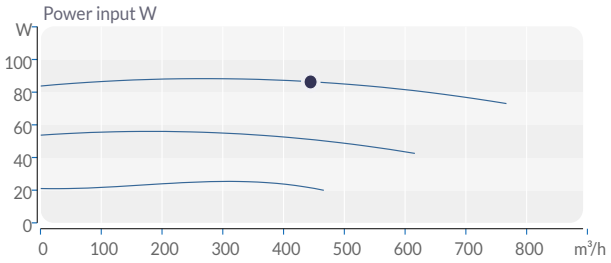
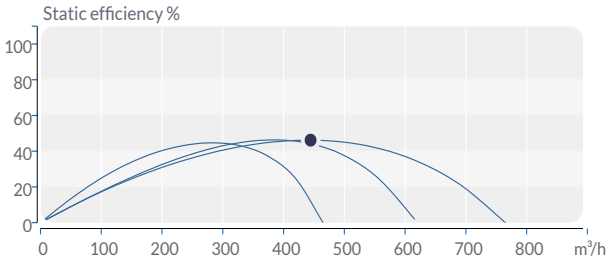
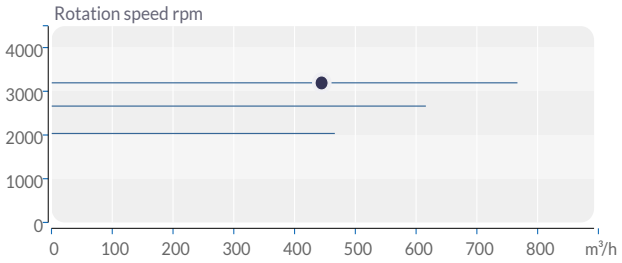
B3P190-EC072-101
Symbol: Number of pieces:1









Required working point

Flow	Q	448	m³/h
Pressure	Δp	320	Pa
Ambient temperature	t_{MED}	20	°C

Operating point

Flow	Q	448	448	m³/h
Static pressure	Δp_{ST}	320	320	Pa
Dynamic pressure	Δp_{D}	12	12	Pa
Total pressure	Δp_{TOT}	332	332	Pa
Absorbed power	P_{ABS}	86	86	W
Current	I_{ABS}	NaN	NaN	A
Instantaneous Rotational Speed	n	3197	3200	rpm
Speed	v	4.39	4.39	m/s
Static efficiency	η_{ST}	46.2	46.2	%
Total efficiency	η_{TOT}	47.9	47.9	%
SFP	SFP	692	693	W/m³/s
Regulation		-	-	EC

Sound power level	63Hz	125Hz	250Hz	500Hz	1kHz	2kHz	4kHz	8kHz	Σ
inlet - L_{WA5}	61	70	77	84	80	77	72	64	**87**
outlet - L_{WA6}	41	60	71	81	79	76	72	64	**84**
emitted - L_{WA2}	41	60	71	81	79	76	72	64	**84**

Sound pressure level	63Hz	125Hz	250Hz	500Hz	1kHz	2kHz	4kHz	8kHz	Σ
inlet - L_{PA5}	47	56	63	70	66	63	58	50	**73**
outlet - L_{PA6}	27	46	57	67	65	62	58	50	**70**
emitted - L_{PA2}	27	46	57	67	65	62	58	50	**70**

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}	773	m³/h
Maximum Static Pressure	Δp_{MAX}	570	Pa
Nominal power	P_{NOM}	70	W
Nominal Rotational Speed	n	3200	rpm
Nominal current	I_{NOM}	0.53	A
Nominal voltage	I_{NOM}	230	V
Number of phases	~	1	
Nominal frequency	f_{NOM}	50	Hz
Diameter	Ø	190	mm
Unit weight	m	1.8	kg
Maximum Achievable Rotational Speed	n_{MAX}	3200	rpm
Maximum power consumption	P_{MAX}	87	W
Maximum current consumption	I_{MAX}	1	A
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		IP54	

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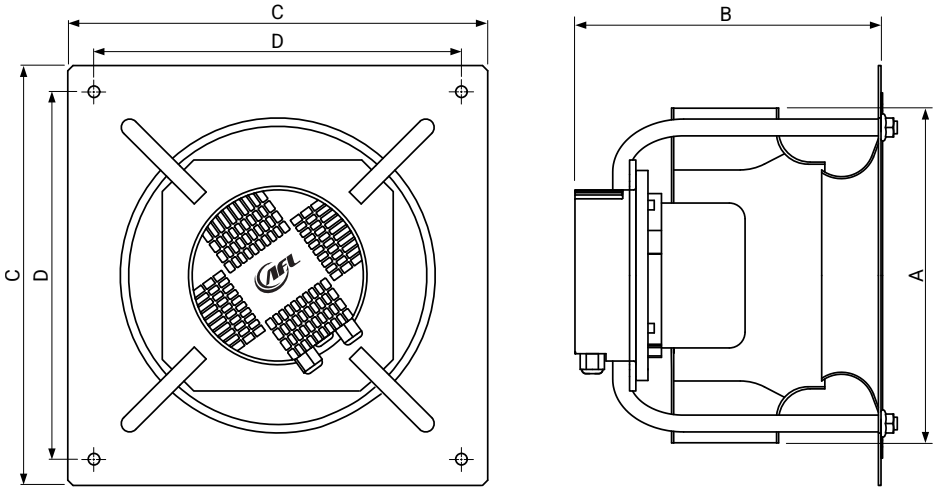
Symbol: Number of pieces:1

Dimensions [mm]



A	B	C	D
190	85	225	188