

FE 2 owlet-EC blue

for three phase alternating current, 380-480 V

FN 0 7 1



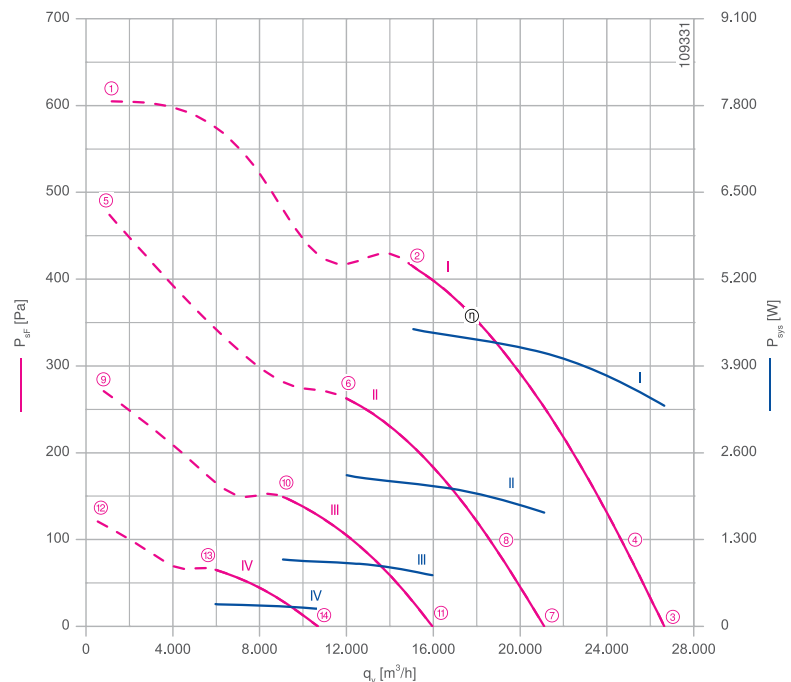
Description

Motor technology: EC
Rated voltage U_N : 3~ 380-480 V*
Rated frequency f_N : 50/60 Hz*
Input power P_{sys} : 4.60 kW*
Rated current I_N : 7.20- 5.80 A*
Rated speed n_N : 1530 min⁻¹*
Thermal class: THCL155*
Min. permitted ambient temperature $t_{R(min)}$: -35 °C
Max. permitted ambient temperature $t_{R(max)}$: 40 °C
Electrical connection: Integrated controller
Number of blades: 7
Degree of protection : IP55
Motor protection: Integrated active temperature management
Blades: Aluminium, powder-coated, ultramarine blue
Rotor: Aluminium, 2 coat paint, ultramarine blue
Conformity: ErP 2015, CE, UL

ErP-data

Efficiency η_{statA} : 44.1 %
Efficiency: $N_{actual} = 46.5 / N_{target} = 40^{**}$
EC controller integrated
* Rated data
**ErP 2015

Characteristic curve



Measured in full bell mouth without guard grille in installation type A according to ISO 5801.

Connection diagram

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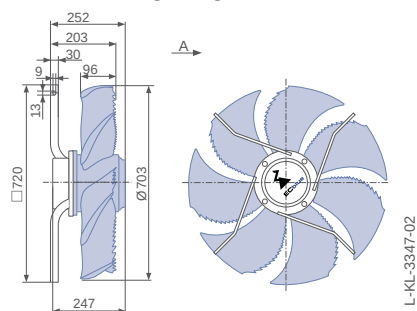
System components

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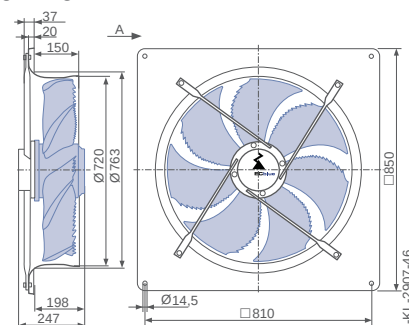
Dimensions mm

Airflow direction A

Design T - for installation in chimney ex-hausts, without guard grille

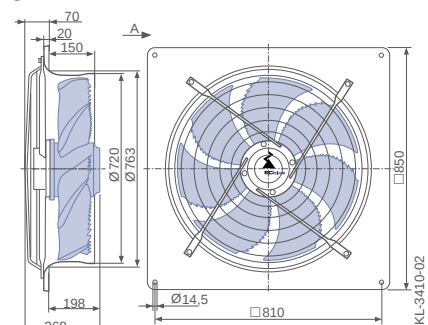


Design Q - square full bell mouth, without guard grille



Wall ring plate made of galvanized sheet steel

Design Q - square full bell mouth, guard grille suction side



Wall ring plate made of galvanized sheet steel



Performance data

Type	Characteristic curve	Speed	Operating point	Current	Input power	Acoustic pressure level 7m	Specific power
		n min ⁻¹		I A	P _{sys} W	L _{pA} dB(A)	P _{spez} Wh/1000m³
FN071-ZL_GL_7P4	I	1530	①	7.00	4600		
			②	6.80	4400		295.8
			③	5.00	3300	61	124.1
			④	5.60	3700	60	148.7
	II	1220	⑤	4.80	3200		
			⑥	3.50	2300		188.9
			⑦	2.60	1700	55	80.7
			⑧	3.10	2000	54	105.5
	III	920	⑨	2.20	1400		
			⑩	1.65	1000		110.9
			⑪	1.30	760	47	47.9
			⑫	0.92	440		
	IV	610	⑬	0.76	330		55.8
			⑭	0.66	260	38	24.8

Current values determined at 400V

Fan ordering information

Airflow direction A			
Design	T (without guard grille)	Q (without guard grille)	Q (guard grille suction side)
			
Type	FN071-ZIT.GL.A7P4	FN071-ZIQ.GL.A7P4	FN071-ZIQ.GL.A7P4
Article no.	168007	168008	168009
Wall ring plate		Wall ring plate made of galvanized sheet steel	Wall ring plate made of galvanized sheet steel
Weight kg	30.70	41.70	45.20

Control technology

Control module UNIcon Zenec switch	
	
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