

FE 2 owlet-EC blue

for three phase alternating current, 380-480 V

FN 0 6 3



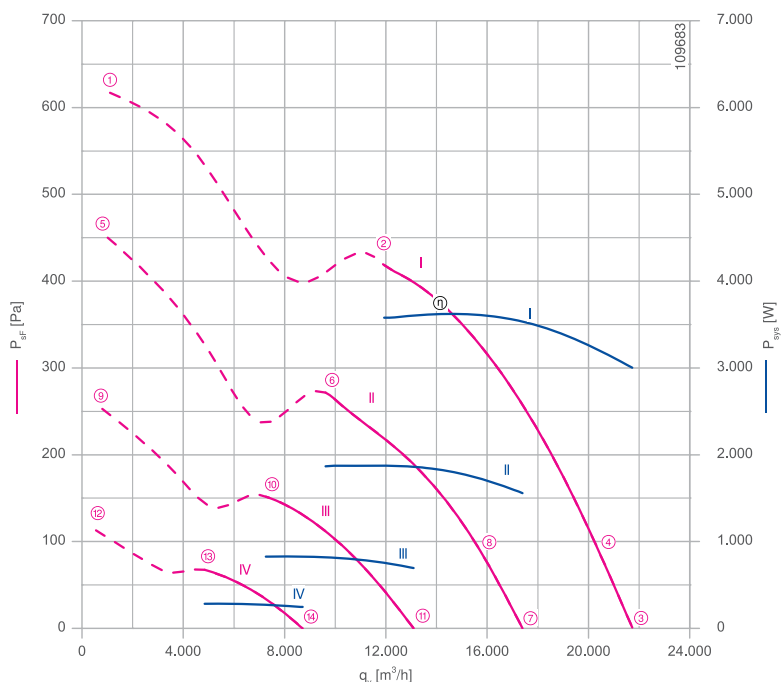
Description

Motor technology: EC
Rated voltage U_N : 3~ 380-480 V*
Rated frequency f_N : 50/60 Hz*
Input power P_{sys} : 3.60 kW*
Rated current I_N : 5.80- 4.60 A*
Rated speed n_N : 1600 min⁻¹*
Thermal class: THCL155*
Min. permitted ambient temperature $t_{R(min)}$: -35 °C
Max. permitted ambient temperature $t_{R(max)}$: 55 °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} : 43.0 %
Efficiency: $N_{actual} = 45.8 / N_{target} = 40^{**}$
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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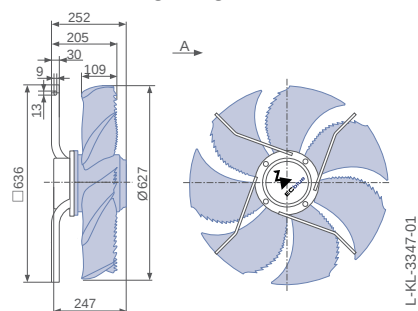
System components

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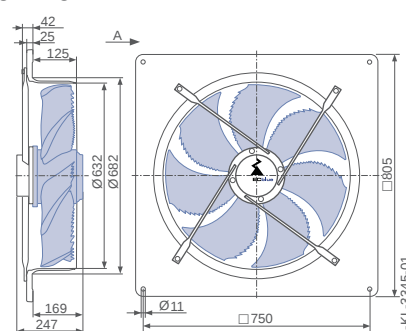
Dimensions mm

Airflow direction A

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

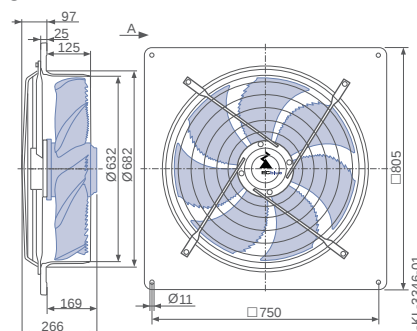


Design Q - square full bell mouth, without guard grille



Wall ring plate made of composite material

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



Wall ring plate made of composite material



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
FN063-ZI_GL_7P3	I	1600	①	5.80	3800		
			②	5.40	3600		300.3
			③	4.60	3000	62	138.1
			④	5.00	3200	61	159.2
	II	1280	⑤	3.60	2300		
			⑥	2.90	1850		194.6
			⑦	2.40	1550	57	89.6
			⑧	2.70	1750	55	112.0
	III	960	⑨	1.65	1000		
			⑩	1.40	820		114.9
			⑪	1.20	700	50	53.1
			⑫	0.74	340		
	IV	640	⑬	0.64	280		59.2
			⑭	0.58	250	42	28.2

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)	Q (without guard grille)	Q (guard grille suction side)
					
Type	FN063-ZIT.GL.A7P3	FN063-ZIQ.GL.A7P3	FN063-ZIQ.GL.A7P3	FN063-ZIQ.GL.A7P3	FN063-ZIQ.GL.A7P3
Article no.	168000	168003	168004	168001	168002
Wall ring plate		Wall ring plate made of composite material	Wall ring plate made of composite material	Wall ring plate made of galvanized sheet steel	Wall ring plate made of galvanized sheet steel
Weight kg	31.60	36.40	38.80	41.90	44.20
Supply temperature -10°C - max 40°C in design with wall ring plate made of composite material					

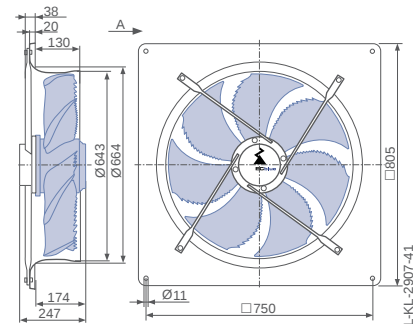
Control technology

Control module UNIcon Zenec switch



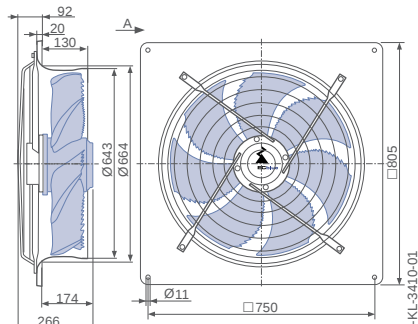
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Design Q - square full bell mouth, without guard grille



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