

Fiche produit Motralec Ziehl Abegg Fe2Owlet Ecblue FN071 - fiche technique | Motralec

■ DEMANDE DE PRIX RAPIDE : <https://www.motralec.com/demandeContact>

High pressure fans www.motralec.com / service-commercial@motralec.com / 01.39.97.65.10 Agriculture 92016

FE2owlet-ECblue

for three phase alternating current, 380-480 V

FN071



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

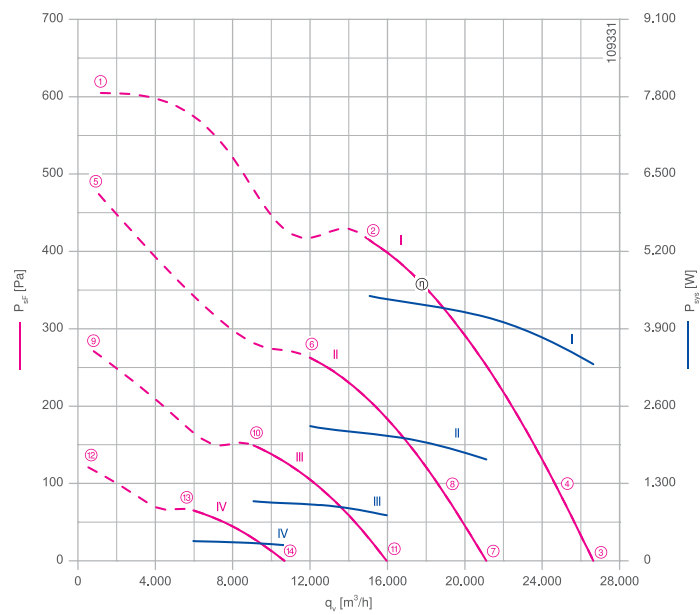
Efficiency η_{rated} : 44.1 %
 Efficiency: $\eta_{actual} = 46.5 / N_{target} = 40$ **
 EC controller integrated

* Rated data

**ErP 2015

*** Continuous operation with occasional starts (S1) according to DIN EN 60034-1:2011-02. Occasional starting between -35 °C and -25 °C is permissible. Continuous operation below -25 °C only with special bearings for refrigeration applications on request.

Characteristic curve



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

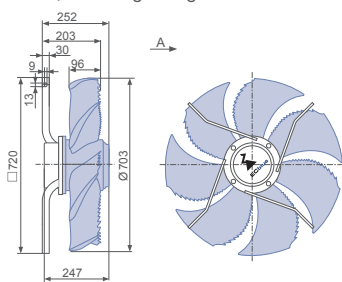
Connection diagram Page 172
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System components Page 110

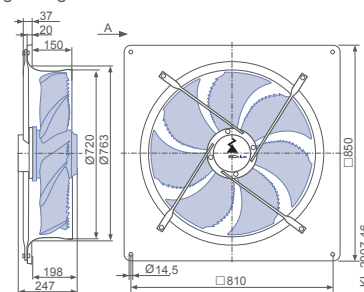
Dimensions mm

Airflow direction A

Design T - for installation in chimney exhausts, without guard grille

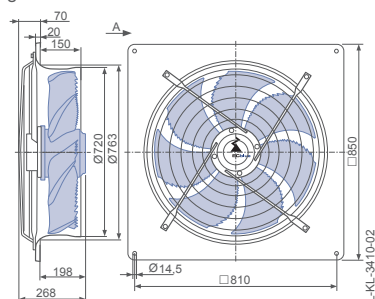


Design Q - square full bell mouth, without guard grille



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

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Type	Characteristic curve	Speed n min ⁻¹	Operating point	Current	Input power	Acoustic pressure level 7m	Specific power
				I A	P _{sys} W	L _{pA} dB(A)	P _{spez} Wh/1000m ³
FN071-ZI_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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Ventilateur Ziehl Abegg FE2OWLET ECBLUE FN071



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DEMANDER UN PRIX >