

FE 2 owlet-EC blue with Z Aplus

for three phase alternating current, 380-480 V

Z N 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} : 4.20 kW*
Rated current I_N : 6.80- 5.40 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

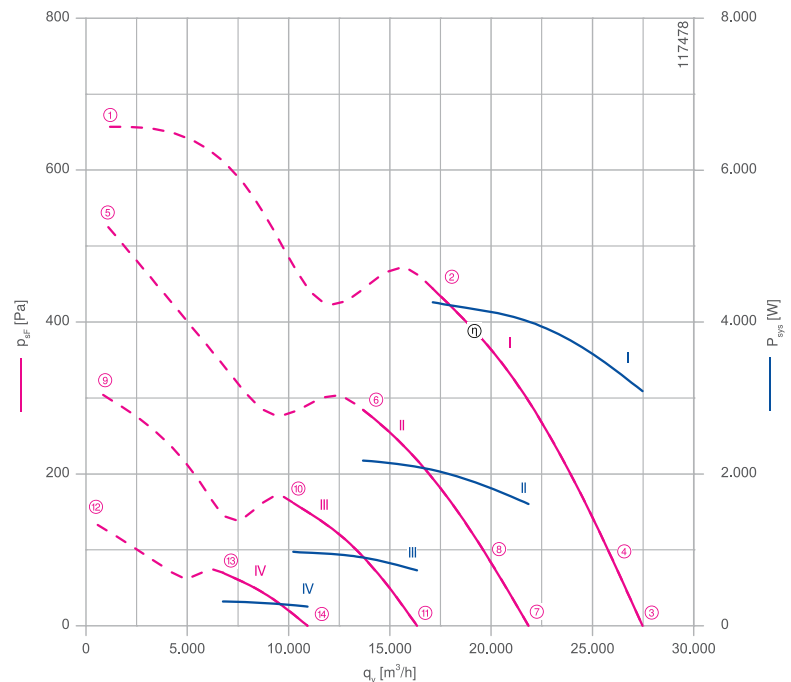
ErP-data

Efficiency η_{statA} : 54.2 %
Efficiency: $N_{actual} = 56.6 / N_{target} = 40^{**}$
EC controller integrated

* Rated data

**ErP 2015

Characteristic curve



Measured in Z Aplus without guard grille in installation type A according to ISO 5801

Connection diagram

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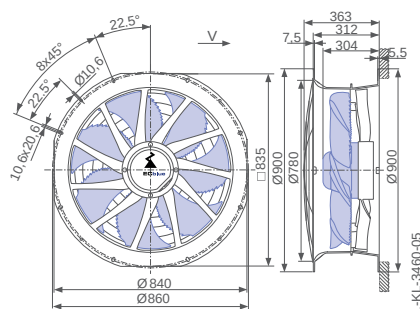
System components

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Dimensions mm

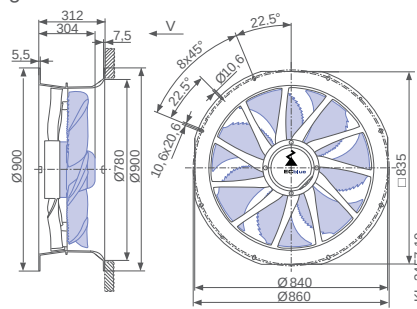
Airflow direction

Design L - Z Aplus Ontop, guard grille suction side

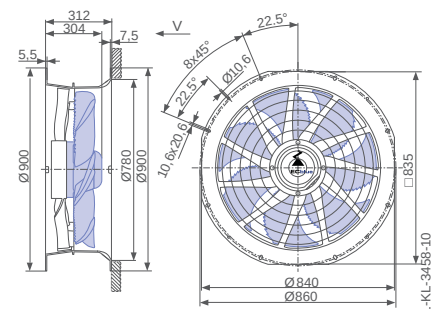


Airflow direction

Design L - Z Aplus Ontop without guard grille



Design L - Z Aplus Ontop, guard grille pressure side

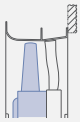


Performance data

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
ZN071-ZL_GL_7P4	I	1530	①	7.00	4600		
			②	6.60	4200		252.9
			③	4.80	3100	64	112.4
			④	5.20	3500	64	133.7
	II	1220	⑤	5.00	3200		
			⑥	3.40	2200		161.5
			⑦	2.50	1600	58	73.4
			⑧	2.90	1900	57	94.7
	III	920	⑨	2.20	1400		
			⑩	1.60	980		95.8
			⑪	1.25	720	50	44.6
	IV	610	⑫	0.92	460		
			⑬	0.72	320		48.1
			⑭	0.62	250	39	23.0

Current values determined at 400V

Fan ordering information

Airflow direction		Airflow direction	
Design	L (guard grille suction side) Ontop	L (without guard grille) Ontop	L (guard grille pressure side) Ontop
			
Type	ZN071-ZIL.GL.V7P4	ZN071-ZIL.GL.V7P4	ZN071-ZIL.GL.V7P4
Article no.	170364	168053	168054
Weight kg	37.80	35.10	36.40
ZApus attachable on both sides.			

Control technology

Control module UNIcon Zenec switch	
	
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