

Fiche produit Motralec Ziehl Abegg Fe2Owlet Ecblue With Zaplus ZN091 ZI 1 - fiche technique | Motralec

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

Oil transformer cooling
Size 910

Addendum fans for transformer cooling
02/2020

FE2owlet-ECblue with ZApus

for three phase alternating current, 380-480 V

ZN091



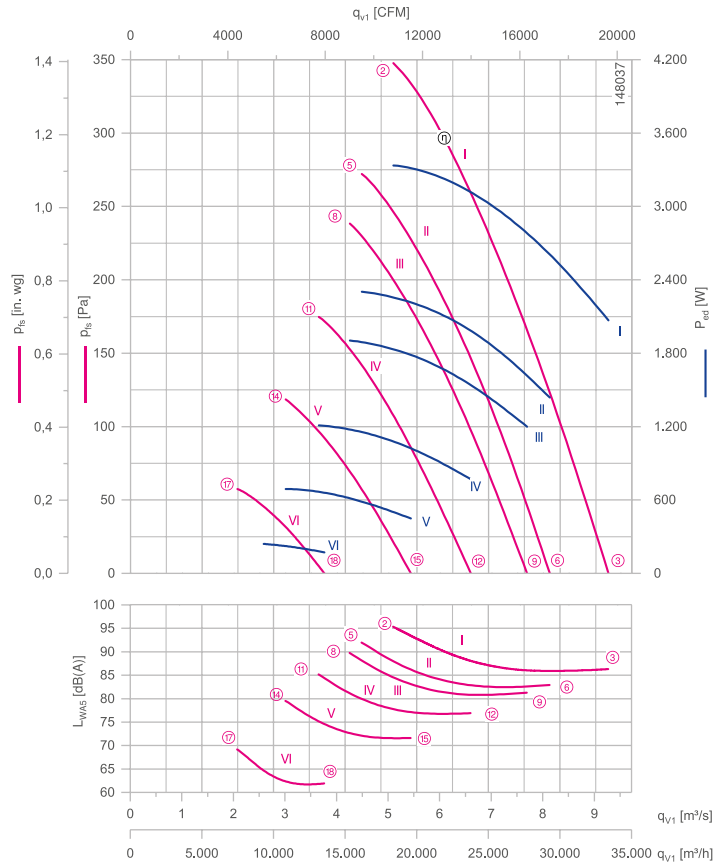
Description

- Motor technology: EC
- Rated voltage U_N : 3~ 380-480 V*
- Rated frequency f_N : 50/60 Hz*
- Input power P_{ed} : 3.30 kW*
- Rated current I_N : 5.20- 4.20 A*
- Rated speed n_N : 1110 rpm-1*
- Speed n at $p_{is} = 0$ Pa: 1110 min-1*
- Power input P_{ed} at $p_{is} = 0$ Pa: 2200 W*
- Air flow q_{v1} at $p_{is} = 0$ Pa: 9.3 m³/s*
- Thermal class: THCL155*
- Min. permitted ambient temperature $t_{amb(min)}$: -35 °C***
- Max. permitted ambient temperature $t_{amb(max)}$: 45 °C
- Electrical connection: Integrated controller
- Number of blades: 5
- Degree of protection : IP54
- Motor protection: integrated active temperaturemanagement
- Blades: Aluminium, powder-coated, RAL 9005 (jet black)
- Rotor: Aluminium, 1 coat paint, RAL 5002 (ultramarine blue)
- Conformity: ErP 2015, CE, UL

ErP-data

- Efficiency η_{statA} : 61.5 %
- Efficiency grade: $N_{actual} = 64.7 / N_{target} = 40^{**}$
- * Rated data
- **ErP 2015

Characteristic curve



Measured in ZApus and guard grille on suction side in installation type A according to ISO 5801.

*** 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.

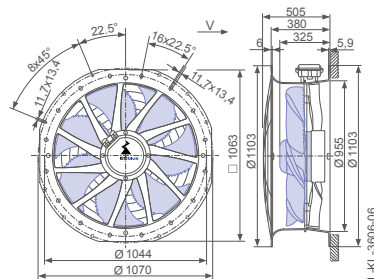
Connection diagram

1360-390 KLK

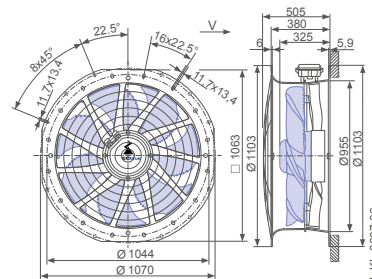
Dimensions mm

Air flow direction

Design L - ZApus, guard grille suction side with connection box



Design L - ZApus, guard grille two-sided with connection box



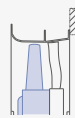
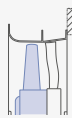
Type	Characteristic curve	Speed	Operating point	Current	Input power	Suction side sound power level	Maximum ambient temperature
		n min ⁻¹		I A	P _{ad} W	L _{WAS} dB(A)	t _{amb (max.)} °C
ZN091-ZI_GL_5P1	I	1110	②	5.00	3300	95	45
			③	3.10	2100	86	
	II	980	⑤	3.40	2300	92	55
			⑥	2.20	1450	83	
	III	920	⑧	2.80	1900	90	60
			⑨	1.85	1200	81	
	IV	790	⑪	1.85	1200	85	65
			⑫	1.25	780	77	
	V	650	⑭	1.15	700	80	
			⑮	0.84	440	72	
	VI	450	⑰	0.58	250	69	
			⑱	0.46	170	62	

Current values determined at 400V

Fan ordering information

Air flow direction

Design L (guard grille suction side) L (guard grille two-sided)



Type ZN091-ZIL.GL.V5P1 ZN091-ZIL.GL.V5P1
Article no. 180769/10C4 180769/10C6

Weight kg 47.80 49.70
 ZAplus attachable on both sides.

Control technology

Control modules

Add-on modules

Operating terminal



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Besoin d'un prix ou d'un conseil technique ?

Ventilateur Ziehl Abegg FE2OWLET ECBLUE WITH ZAPLUS ZN091 ZI 1



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Voir la gamme Ziehl Abegg sur notre site :

www.motralec.com/.../ziehl-abegg

DEMANDER UN PRIX >