

**Fiche produit Motralec Ziehl Abegg Fe2Owlet Ecblue With Zaplus ZN050 ZI 1 - fiche technique | Motralec**

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

Oil transformer cooling  
Size 500

Addendum fans for transformer cooling  
02/2020

# FE2owlet-ECblue with ZApus

for three phase alternating current, 380-480 V

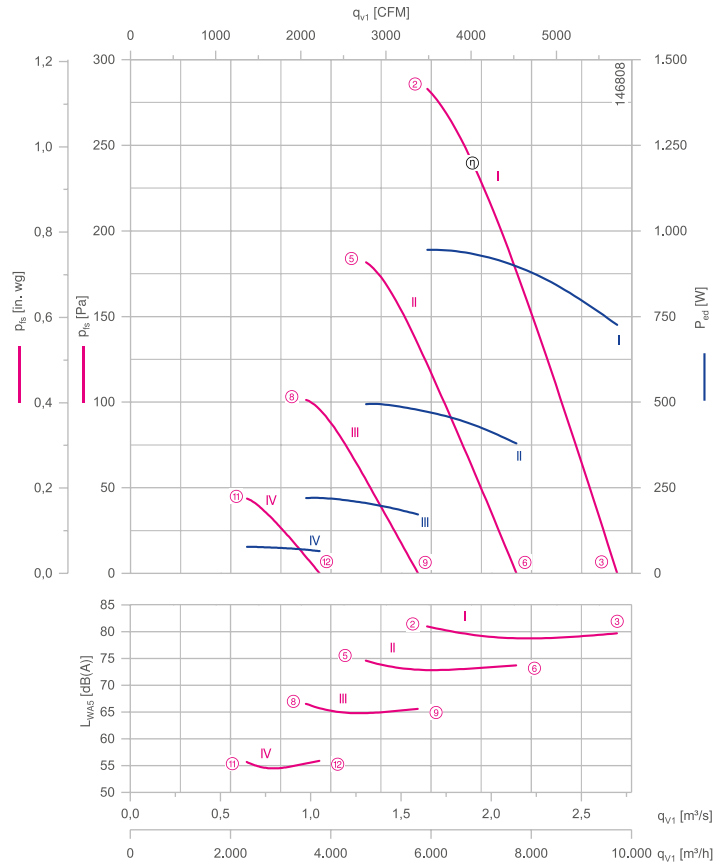
**ZN050**



**Description**

- Motor technology: EC
- Rated voltage  $U_N$ : 3~ 380-480 V\*
- Rated frequency  $f_N$ : 50/60 Hz\*
- Input power  $P_{ed}$ : 920 W\*
- Rated current  $I_N$ : 1.60- 1.25 A\*
- Rated speed  $n_N$ : 1550 rpm<sup>-1</sup>\*
- Speed  $n$  at  $p_{st} = 0$  Pa: 1550 min<sup>-1</sup>\*
- Power input  $P_{ed}$  at  $p_{st} = 0$  Pa: 720 W\*
- Air flow  $q_{v1}$  at  $p_{st} = 0$  Pa: 2.7 m<sup>3</sup>/s\*
- Thermal class: THCL155\*
- Min. permitted ambient temperature  $t_{amb(min)}$ : -35 °C\*\*\*
- Max. permitted ambient temperature  $t_{amb(max)}$ : 55 °C
- Electrical connection: Integrated controller
- Number of blades: 7
- Degree of protection : IP54
- Motor protection: integrated active temperaturemanagement
- Blades: High Performance Composite Material, uncoated, black
- Rotor: Steel, 2 coat paint, RAL 5002 (ultramarine blue)
- Conformity: ErP 2015, CE, UL
- ErP-data**
- Efficiency  $\eta_{stata}$ : 56.3 %
- Efficiency grade:  $N_{actual} = 62.9 / N_{target} = 40$ \*\*
- \* 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.

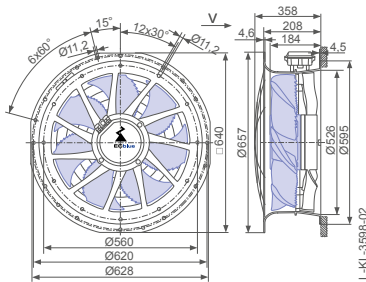
Connection diagram

1360-390 KLK

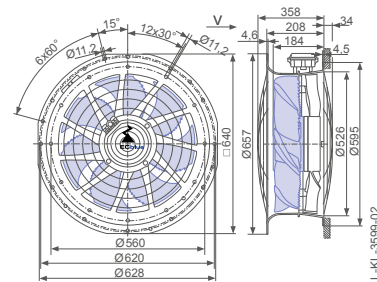
**Dimensions mm**

**Air flow direction**

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



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



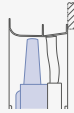
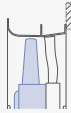
Type	Characteristic curve	Speed	Operating point	Current	Input power	Suction side sound power level	Maximum ambient temperature
		n min <sup>-1</sup>		I A	P <sub>ad</sub> W	L <sub>WAS</sub> dB(A)	
ZN050-ZI_DC_7P2	I	1550	②	1.50	940	81	55
			③	1.20	720	80	
			④	0.92	480	75	
	II	1240	⑤	0.78	380	74	60
			⑥	0.54	210	67	
			⑦	0.48	170	66	
	III	930	⑧	0.29	75	55	
			⑨	0.27	65	56	
			⑩				
	IV	620	⑪				
			⑫				

Current values determined at 400V

## Fan ordering information

### Air flow direction

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



Type **ZN050-ZIL.DC.V7P2** **ZN050-ZIL.DC.V7P2**  
Article no. **180657/10C4** **180657/10C6**

Weight kg 16.40 17.60

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 ZN050 ZI 1



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- Devis rapide et conseil technique par nos spécialistes
- Plus de 200 000 références et 30 marques distribuées
- Vente, réparation, bobinage et SAV en atelier
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Voir la gamme Ziehl Abegg sur notre site :

[www.motralec.com/.../ziehl-abegg](http://www.motralec.com/.../ziehl-abegg)

**DEMANDER UN PRIX >**