

Fiche produit Motralec Ziehl Abegg Fe2Owlet With Zaplus ZN100 SD - fiche technique | Motralec

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

Oil transformer cooling  
Size 1000

Addendum fans for transformer cooling  
02/2020

# FE2owlet with ZApus

for three phase alternating current, 6-6 pole

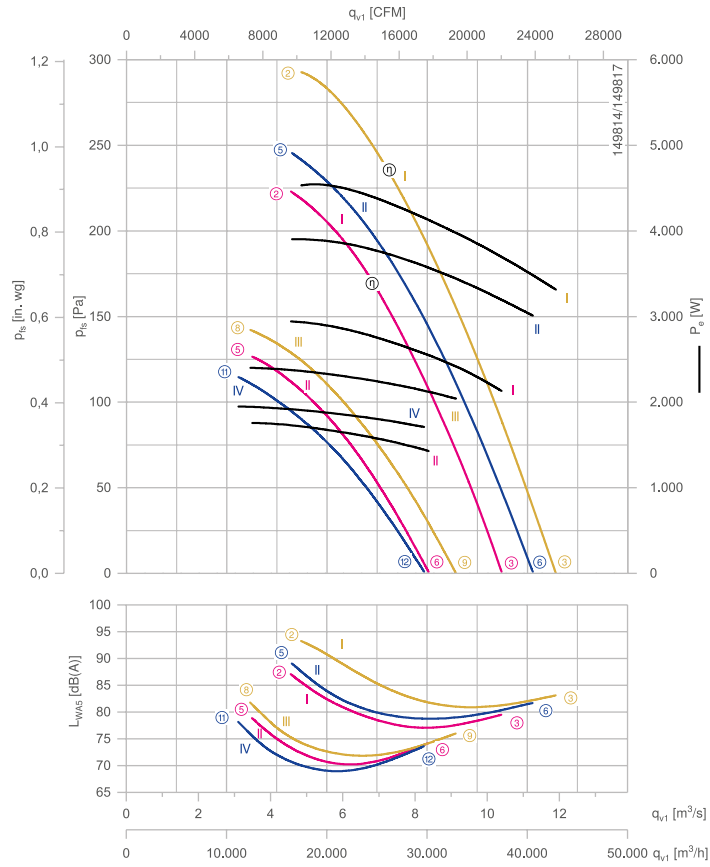
ZN100-SD



**Description**

Motor technology: AC  
 Rated voltage  $U_N \pm 10\%$  :  
**3~ 400 V ( $\Delta/Y$ ) | 3~400 V ( $\Delta/Y$ ) | 3~460 V ( $\Delta/Y$ ) \***  
 Rated frequency  $f_N$ : **50 Hz | 60 Hz | 60 Hz\***  
 Input power  $P_e$  :  
**2.90/1.75 kW | 3.90/1.95 kW | 4.40/2.40 kW\***  
 Rated current  $I_N$  :  
**5.60/3.00 A | 6.60/3.30 A | 6.80/3.50 A\***  
 Rated speed  $n_N$  :  
**830/630 min<sup>-1</sup> | 870/590 min<sup>-1</sup> | 930/660 min<sup>-1</sup>\***  
 Speed  $n$  at  $p_{st} = 0$  Pa:  
**890/720 min<sup>-1</sup> | 960/710 min<sup>-1</sup> | 1010/780 min<sup>-1</sup>\***  
 Power input  $P_e$  at  $p_{st} = 0$  Pa:  
**2100/1450 W | 3000/1700 W | 3300/2000 W\***  
 Air flow  $q_{v1}$  at  $p_{st} = 0$  Pa:  
**10.4/8.4 m<sup>3</sup>/s | 11.3/8.2 m<sup>3</sup>/s | 11.9/9.1 m<sup>3</sup>/s\***  
 Starting current  $I_s$ : **18/6.0 A | 17/5.0 A | 19/6.0 A**  
 Current increase  $\Delta I$ : **0 % | 0 % | 0 %**  
 Thermal class: THCL155\*  
 Min. permitted ambient temperature  $t_{amb(min)}$ : **-40 °C\*\*\***  
 Max. permitted ambient temperature  $t_{amb(max)}$  :  
**70 °C | 45 °C | 45 °C**  
 Electrical connection: Terminal box  
 Number of blades: 5  
 Degree of protection : IP54  
 Motor protection: thermal contact  
 Blades: Aluminium, 2 coat paint, RAL 9005 (jet black)  
 Rotor: Aluminium, 2 coat paint, RAL 9005 (jet black)  
 Conformity: ErP 2015, CE  
**ErP-data**  
 Efficiency  $\eta_{statA}$ : 45.1 %  
 Efficiency grade:  $N_{actual} = 48.6 / N_{target} = 40$ \*\*  
 \* 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 -40 °C and -25 °C is permissible. Continuous operation below -25 °C only with special bearings for refrigeration applications on request.

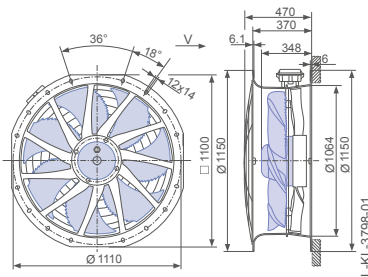
Connection diagram

1360-108XA

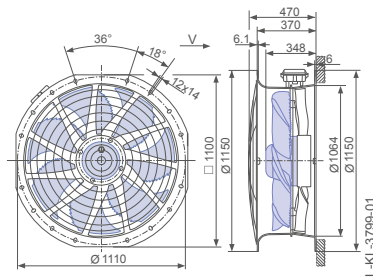
**Dimensions mm**

**Air flow direction**

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



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





Type	Connection	Characteristic curve	Voltage	Frequency	Operating point	Current	Input power	Speed	Suction side sound power level	
			U V	f Hz		I A	P <sub>e</sub> W	n min <sup>-1</sup>	L <sub>WAS</sub> dB(A)	
ZN100-SD_7Q_5P1	Δ	I	400*	50	②	5.60*	2900*	830*	87	
					③	4.60*	2100*	890*	80	
					⑤	3.00*	1750*	630*	79	
	Y	II	⑥		2.50*	1450*	720*	74		
			Δ		I	②	6.80*	4400*	930*	92
						③	5.40*	3300*	1010*	83
	Y	III	460*	⑤	6.60*	3900*	870*	90		
				II	400*	⑥	5.20*	3000*	960*	82
						⑧	3.50*	2400*	660*	82
	IV	400*	⑨	3.00*	2000*	780*	76			
			⑪	3.30*	1950*	590*	78			
					⑫	2.90*	1700*	710*	74	



\*rated data

## Fan ordering information

**Air flow direction** →

Design	L (guard grille suction side)	L (guard grille two-sided)
		
<b>Type</b>	<b>ZN100-SDL.7Q.V5P1</b>	<b>ZN100-SDL.7Q.V5P1</b>
<b>Article no.</b>	<b>180353/10K4</b>	<b>180353/10K6</b>
<b>Weight kg</b>	63.70	66.40
ZApus attachable on both sides.		

## Control technology

Frequency inverters Fcontrol 3~	Motor protection units 3~	Electronic voltage controllers 3~
		

[www.motralec.com](http://www.motralec.com) / [service-commercial@motralec.com](mailto:service-commercial@motralec.com) / 01.39.97.65.10 

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

Ventilateur axial Ziehl-Abegg FE2OWLET



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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
- Livraison partout en France, accompagnement avant et après-vente

Voir la fiche technique sur notre site :

[www.motralec.com/.../ventilateur-axial-ziehl-abegg-fe2owlet](http://www.motralec.com/.../ventilateur-axial-ziehl-abegg-fe2owlet)

**DEMANDER UN PRIX >**