

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

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

Oil transformer cooling Fans for transformer cooling
www.motralec.com / service-commercial@motralec.com / 01.39.97.65.10

FE2owlet with ZApus

for three phase alternating current, 8-8 pole

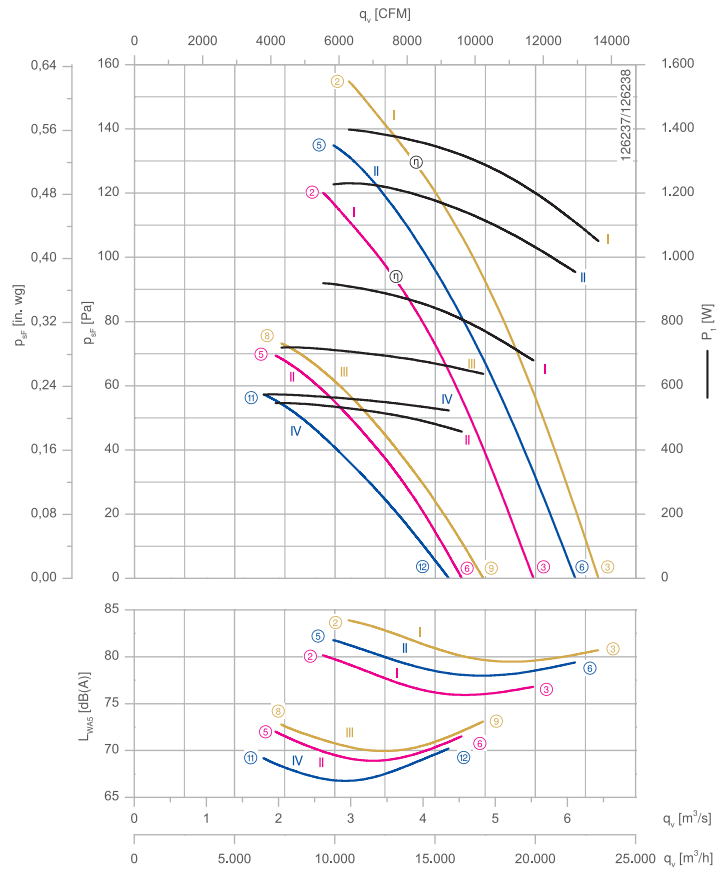
ZN091-AD



Description

Motor technology: AC
 Rated voltage $U_N \pm 10\%$:
3- 400 V (Δ/Y) | 3-400 V (Δ/Y) | 3-460 V (Δ/Y) *
 Rated frequency f_N : **50 Hz | 60 Hz | 60 Hz***
 Input power P_i :
920/540 W | 1.25/0.58 kW | 1.40/0.72 kW*
 Rated current I_N :
2.20/1.10 A | 2.50/1.15 A | 2.60/1.25 A*
 Rated speed n_N :
660/500 min⁻¹ | 690/450 min⁻¹ | 740/510 min⁻¹*
 Speed n at $p_{stat} = 0$ Pa:
690/570 min⁻¹ | 760/540 min⁻¹ | 800/610 min⁻¹*
 Motor input power P at $p_{stat} = 0$ Pa:
680/460 W | 960/520 W | 1050/640 W*
 Air flow q_v at $p_{stat} = 0$ Pa:
5.5/4.5 m³/s | 6.1/4.4 m³/s | 6.4/4.8 m³/s*
 Starting current I_A : **5.5/1.6 A | 4.6/1.4 A | 5.5/1.7 A**
 Current increase ΔI : **0 % | 0 % | 0 %**
 Thermal class: THCL155*
 Min. permitted ambient temperature $t_{R(min)}$: **-40 °C*****
 Max. permitted ambient temperature $t_{R(max)}$:
70 °C | 70 °C | 70 °C
 Electrical connection: Terminal box
 Number of blades: 7
 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 η_{statA} : 43.4 %
 Efficiency: $N_{actual} = 50.1 / N_{target} = 40$ **
 * Rated data
 **ErP 2015

Characteristic curve



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

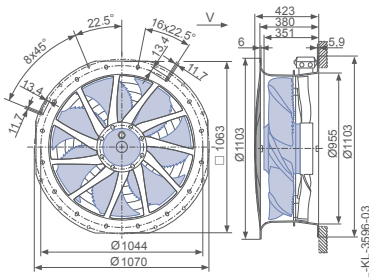
*** Continuous operation with occasional starts (S1) according to DIN EN 60034-1:2011-02. Occasional starting between -40 °C and -25 °C is permissible. Continuous operation below -25 °C only with special bearings for refrigeration applications on request.

Connection diagram Page 252
 1360-108XA
 System components Page 184

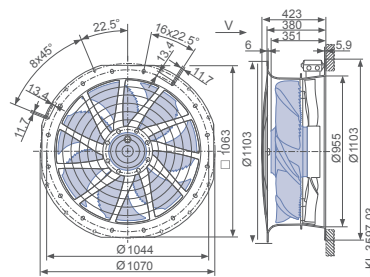
Dimensions mm

Airflow 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 _i W	n min ⁻¹	L _{WAS} dB(A)			
ZN091-ADL.6N.V7P2	Δ	I	400*	50	②	2.20*	920*	660*	80			
					③	1.95*	680*	690*	77			
					⑤	1.10*	540*	500*	72			
		Y			II	⑥	0.94*	460*	570*	72		
						Δ	I	②	2.60*	1400*	740*	84
								③	2.20*	1050*	800*	81
	⑤	2.50*	1250*	690*	82							
	Y	III	⑥	2.10*	960*		760*	79				
			IV	⑧	1.25*		720*	510*	73			
				⑨	1.10*		640*	610*	73			
				⑪	1.15*	580*	450*	69				
			⑫	1.05*	520*	540*	70					

*rated data

Fan ordering information

Airflow direction

Design	L (guard grille suction side)	L (guard grille two-sided)
		
Type	ZN091-ADL.6N.V7P2	ZN091-ADL.6N.V7P2
Article no.	176060/10K4	176060/10K6
Weight kg	44.00	45.90
ZAplus attachable on both sides.		

Control technology

Frequency inverters Fcontrol 3~	Motor protection units 3~	Electronic voltage controllers 3~
		
Page 208	Page 206	Page 218

ziehl-abegg.com



161

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

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

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

Ventilateur axial Ziehl-Abegg FE2OWLET



4,7/5 . +600 avis Google

- 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

DEMANDER UN PRIX >