

Fiche produit Motralec Ziehl Abegg Fe2Owlet With Zaplus ZN100 AD - 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, 8-8 pole

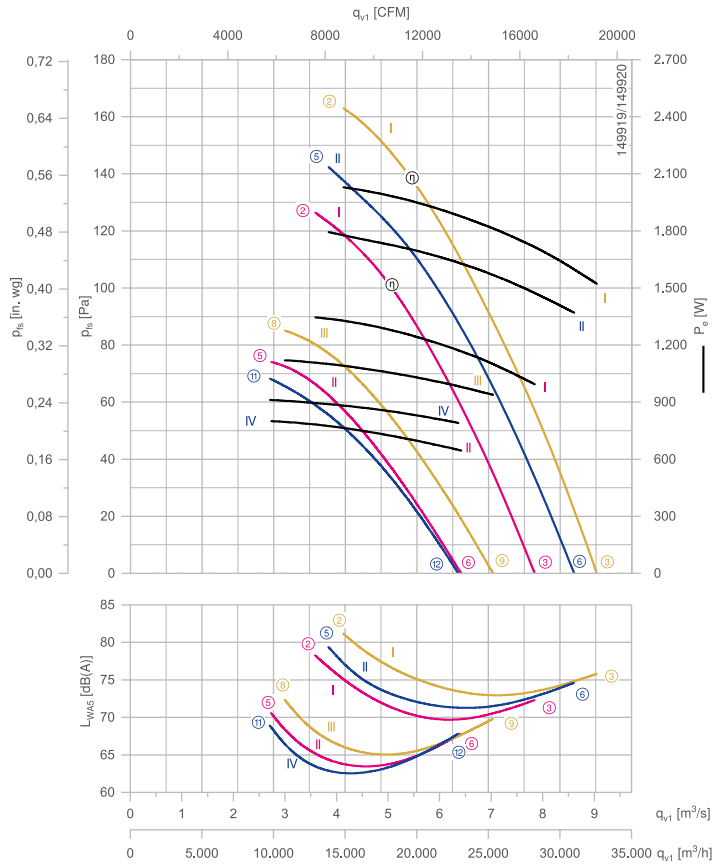
ZN100-AD



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_e :
1.35/0.8 kW | 1.80/0.92 kW | 2.00/1.1 kW*
 Rated current I_N :
3.10/1.45 A | 3.40/1.65 A | 3.50/1.75 A*
 Rated speed n_N :
630/480 min⁻¹ | 670/460 min⁻¹ | 710/520 min⁻¹*
 Speed n at $p_{st} = 0$ Pa:
670/540 min⁻¹ | 730/550 min⁻¹ | 770/600 min⁻¹*
 Power input P_e at $p_{st} = 0$ Pa:
1000/640 W | 1350/800 W | 1500/940 W*
 Air flow q_{v1} at $p_{st} = 0$ Pa:
7.8/6.4 m³/s | 8.6/6.4 m³/s | 9.0/7.0 m³/s*
 Starting current I_A : **9.0/2.8 A | 8.0/2.6 A | 9.5/3.0 A**
 Current increase ΔI : **0 % | 0 % | 0 %**
 Thermal class: THCL155*
 Min. permitted ambient temperature $t_{amb(min)}$: **-40 °C*****
 Max. permitted ambient temperature $t_{amb(max)}$:
70 °C | 70 °C | 70 °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 η_{statA} : 42.1 %
 Efficiency grade: $N_{actual} = 47.8 / N_{target} = 40$ **
 * 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.

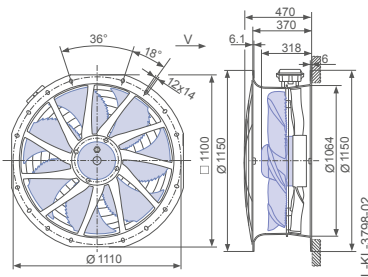
Connection diagram

1360-108XA

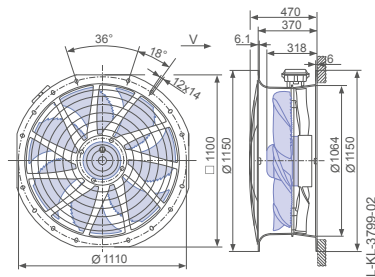
Dimensions mm

Air flow direction

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




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

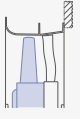
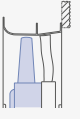


Type	Connection	Characteristic curve	Voltage	Frequency	Operating point	Current	Input power	Speed	Suction side sound power level	
			U V	f Hz		I A	P _e W	n min ⁻¹	L _{WAS} dB(A)	
ZN100-AD_7M_5P1	Δ	I	400*	50	②	3.10*	1350*	620*	79	
					③	2.70*	1000*	670*	72	
					⑤	1.45*	800*	480*	71	
	⑥	1.25*	640*		540*	68				
	Δ	II	460*		60	②	3.50*	2000*	710*	81
						③	3.00*	1500*	770*	76
				⑤		3.40*	1800*	660*	79	
	Y	III	460*	60		⑥	2.80*	1350*	730*	75
						⑧	1.75*	1100*	510*	72
						⑨	1.50*	940*	600*	70
	Y	IV	400*		60	⑪	1.65*	920*	460*	69
						⑫	1.40*	800*	550*	68




*rated data

Fan ordering information

Air flow direction 

Design	L (guard grille suction side)	L (guard grille two-sided)
		
Type	ZN100-ADL.7M.V5P1	ZN100-ADL.7M.V5P1
Article no.	180354/10K4	180354/10K6
Weight kg	57.20	59.90
ZApus attachable on both sides.		

Control technology

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

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

Ventilateur axial Ziehl-Abegg FE2OWLET



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- 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 >