

Fiche produit Motralec Ziehl Abegg Fe2Owlet With Zaplus ZN100 MD - 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 ZApplus

for three phase alternating current, 10-10 pole

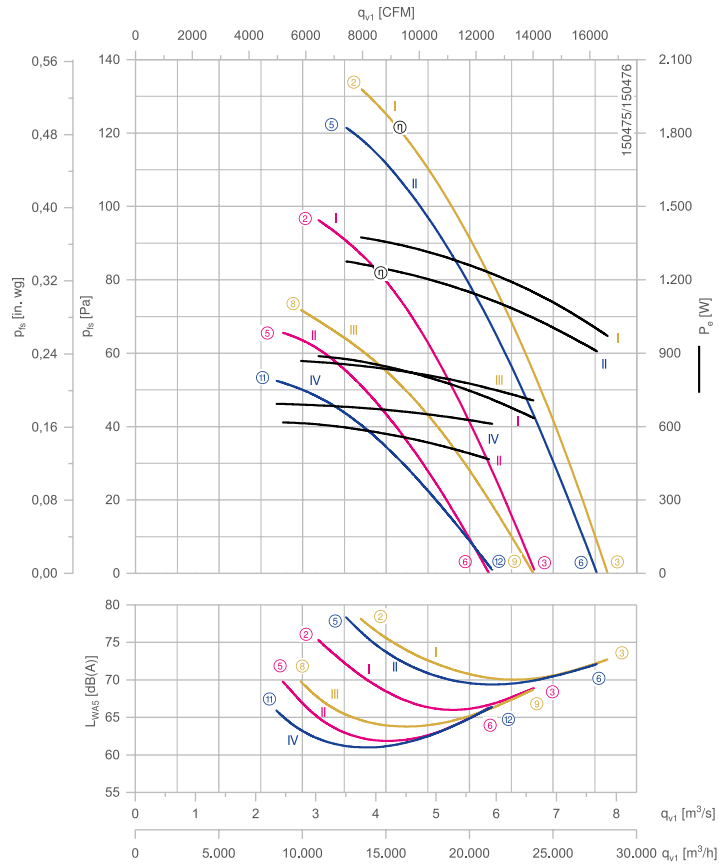
ZN100-MD



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 :
 880/620 W | 1.30/0.70 kW | 1.40/0.88 kW*
 Rated current I_N :
 2.30/1.25 A | 2.60/1.50 A | 2.60/1.55 A*
 Rated speed n_N :
 550/450 min⁻¹ | 610/400 min⁻¹ | 640/470 min⁻¹*
 Speed n at $p_{st} = 0$ Pa:
 570/500 min⁻¹ | 650/500 min⁻¹ | 670/560 min⁻¹*
 Power input P_e at $p_{st} = 0$ Pa:
 640/460 W | 900/620 W | 980/700 W*
 Air flow q_{v1} at $p_{st} = 0$ Pa:
 6.6/5.9 m³/s | 7.7/5.9 m³/s | 7.8/5.8 m³/s*
 Starting current I_A : 8.0/2.2 A | 6.5/1.9 A | 8.0/2.2 A
 Current increase ΔI : 0 % | 5 % | 5 %
 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} : 43.3 %
 Efficiency grade: $N_{actual} = 50.1 / N_{target} = 40$ **
 * Rated data
 **ErP 2015

Characteristic curve



Measured in ZApplus 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.

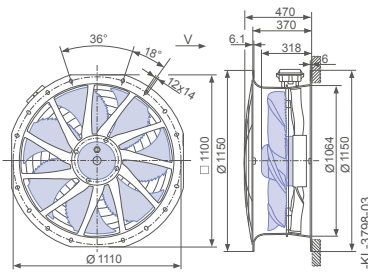
Connection diagram

1360-108XA

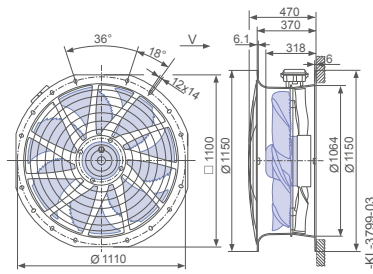
Dimensions mm

Air flow direction

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




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

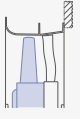
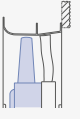


Type	Connection	Characteristic curve	Voltage	Frequency	Operating point	Current	Input power	Speed	Suction side sound power level L_{WAS} dB(A)	
			U V	f Hz		I A	P_g W	n min ⁻¹		
ZN100-MD_7M_5P1	Δ	I	400*	50	②	2.30*	880*	550*	76	
					③	2.00*	640*	570*	69	
					⑤	1.25*	620*	450*	70	
	⑥	0.96*	460*		500*	66				
	Δ	II	460*		60	②	2.60*	1400*	640*	79
						③	2.10*	980*	670*	73
				⑤		2.60*	1250*	610*	78	
	⑥	2.00*	900*	650*		72				
	Y	III	460*	60		⑧	1.55*	860*	470*	70
						⑨	1.25*	700*	560*	69
					⑪	1.50*	700*	400*	66	
	Y	IV	400*		60	⑫	1.25*	620*	500*	66

*rated data

Fan ordering information

Air flow direction 

Design	L (guard grille suction side)	L (guard grille two-sided)
		
Type	ZN100-MDL.7M.V5P1	ZN100-MDL.7M.V5P1
Article no.	180355/10K4	180355/10K6
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~
		

www.motralec.com / service-commercial@motralec.com / 01.39.97.65.10 

Fiche produit Motralec Ziehl Abegg Fe2Owlet With Zaplus ZN100 MD - 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 >