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Fiche produit Motralec Ziehl Abegg Fe2Owlet With Zaplus ZN100 ND - 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, 12-12 pole

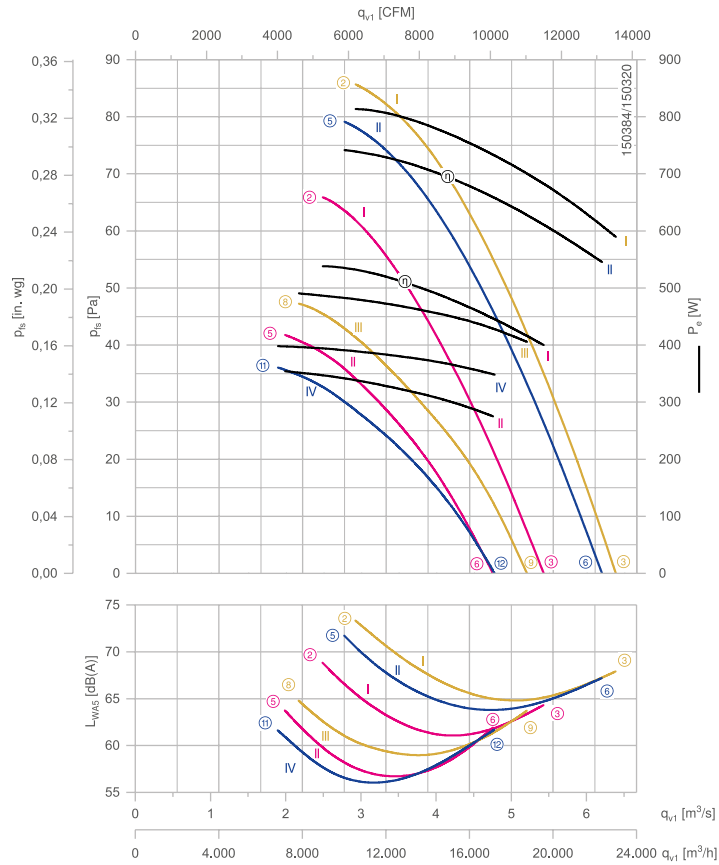
ZN100-ND



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 :
 540/350 W | 740/400 W | 820/500 W*
 Rated current I_N :
 1.45/0.72 A | 1.55/0.82 A | 1.60/0.82 A*
 Rated speed n_N :
 450/370 min⁻¹ | 500/340 min⁻¹ | 520/390 min⁻¹*
 Speed n at $p_{st} = 0$ Pa:
 470/410 min⁻¹ | 530/410 min⁻¹ | 550/450 min⁻¹*
 Power input P_e at $p_{st} = 0$ Pa:
 400/280 W | 540/350 W | 600/400 W*
 Air flow q_{v1} at $p_{st} = 0$ Pa:
 5.4/4.8 m³/s | 6.2/4.8 m³/s | 6.4/5.2 m³/s*
 Starting current I_A : 3.8/1.2 A | 3.2/1.0 A | 3.8/1.2 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_{stat} : 39.4 %
 Efficiency grade: $N_{actual} = 47.7 / N_{target} = 40$ **
 * 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.

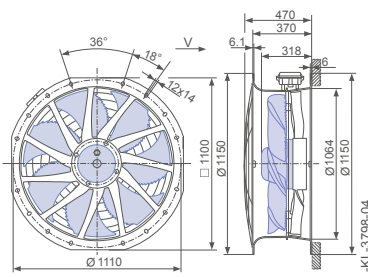
Connection diagram

1360-108XA

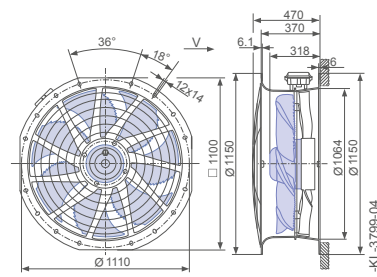
Dimensions mm

Air flow direction

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



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





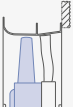
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Type	Connection	Characteristic curve	Voltage	Frequency	Operating point	Current	Input power	Speed	Suction side sound power level
			U V	f Hz		I A	P _e W	n min ⁻¹	L _{WAS} dB(A)
ZN100-ND_.7M_.5P1	Δ	I	400*	50	②	1.45*	540*	450*	69
					③	1.35*	400*	470*	64
					⑤	0.72*	350*	370*	64
	Y	II	400*	60	⑥	0.60*	280*	410*	62
					②	1.60*	820*	520*	74
					③	1.40*	580*	550*	68
	Δ	I	460*	60	⑤	1.55*	740*	500*	72
					⑥	1.30*	540*	530*	67
					⑧	0.86*	500*	390*	65
	Y	III	460*	60	⑨	0.72*	400*	450*	64
					⑪	0.82*	400*	340*	62
					⑫	0.70*	350*	410*	62

*rated data

Fan ordering information

Air flow direction 

Design	L (guard grille suction side)	L (guard grille two-sided)
		
Type	ZN100-NDL.7M.V5P1	ZN100-NDL.7M.V5P1
Article no.	180356/10K4	180356/10K6
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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- 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 >