

Fiche produit Motralec Ziehl Abegg Fe2Owlet With Zaplus ZN050 VD 2 - fiche technique | Motralec

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

Oil transformer cooling
Size 500

Addendum fans for transformer cooling
02/2020

FE2owlet with ZApus

for three phase alternating current, 4-4 pole

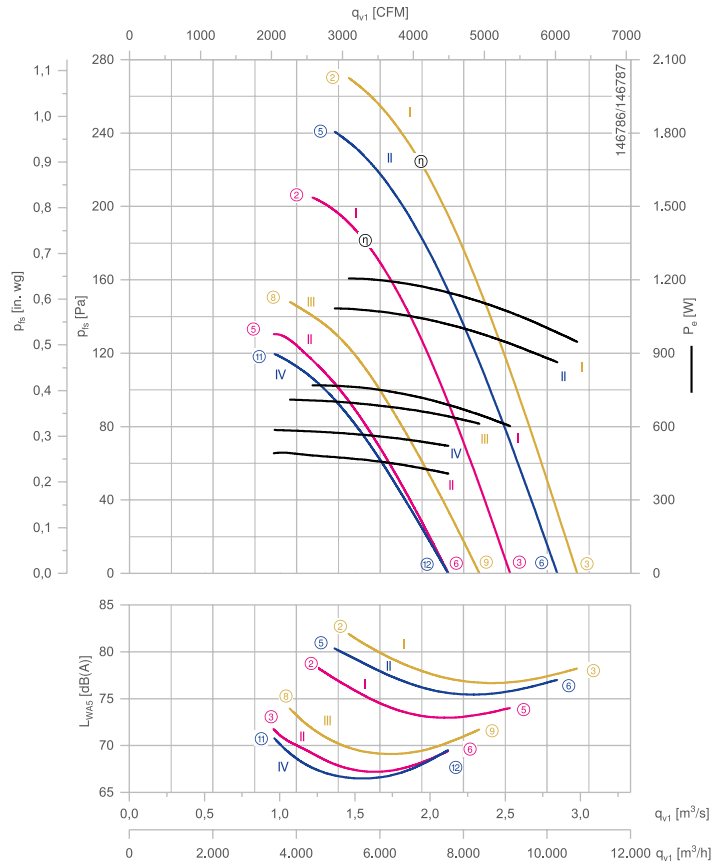
ZN050-VD



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 :
760/480 W | 1.10/0.58 kW | 1.20/0.70 kW*
 Rated current I_N :
1.65/0.80 A | 1.85/0.96 A | 1.90/1.00 A*
 Rated speed n_N :
1300/1030 min⁻¹ | 1400/990 min⁻¹ | 1490/1100 min⁻¹*
 Speed n at $p_{st} = 0$ Pa:
1350/1130 min⁻¹ | 1510/1130 min⁻¹ | 1580/1240 min⁻¹*
 Power input P_e at $p_{st} = 0$ Pa:
600/400 W | 860/520 W | 940/620 W*
 Air flow q_{v1} at $p_{st} = 0$ Pa:
2.5/2.1 m³/s | 2.8/2.1 m³/s | 3.0/2.3 m³/s*
 Starting current I_A : **5.5/1.7 A | 5.0/1.6 A | 6.0/1.8 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: 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} : 41.0 %
 Efficiency grade: $N_{actual} = 48.3 / N_{target} = 40$ **
 * 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.

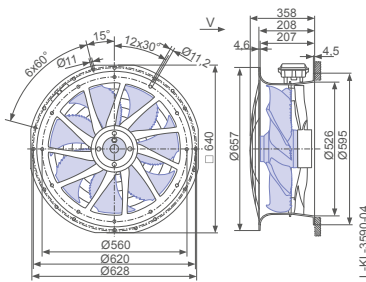
Connection diagram

1360-108XA

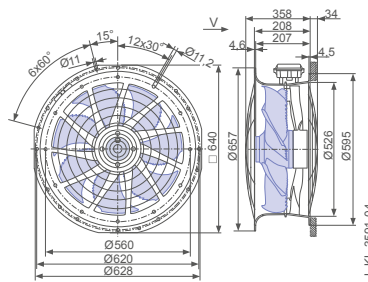
Dimensions mm

Air flow direction

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




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

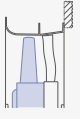
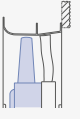


Type	Connection	Characteristic curve	Voltage	Frequency	Operating point	Current	Input power	Speed	Suction side sound power level
			U V	f Hz		I A	P _e W	n min ⁻¹	L _{WAS} dB(A)
ZN050-VD_4I_7P1	Δ	I	400*	50	②	1.65*	760*	1300*	79
					③	1.50*	600*	1350*	74
					⑤	0.80*	480*	1030*	72
	Y	II	460*	60	⑥	0.68*	400*	1130*	69
					②	1.90*	1200*	1490*	82
					③	1.65*	940*	1580*	78
	Δ	I	400*	60	⑤	1.85*	1100*	1400*	80
					⑥	1.55*	860*	1510*	77
					⑧	1.00*	700*	1120*	74
	Y	III	460*	60	⑨	0.86*	620*	1240*	72
					⑩	0.94*	580*	1000*	71
					⑫	0.84*	520*	1130*	70




*rated data

Fan ordering information

Air flow direction 

Design	L (guard grille suction side)	L (guard grille two-sided)
		
Type	ZN050-VDL.4I.V7P1	ZN050-VDL.4I.V7P1
Article no.	180422/10K4	180422/10K6
Weight kg	18.20	19.30
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 ZN050 VD 2 - fiche technique | Motralec

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

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

Ventilateur Ziehl Abegg FE2OWLET WITH ZAPLUS ZN050 VD 2



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 gamme Ziehl Abegg sur notre site :

www.motralec.com/.../ziehl-abegg

DEMANDER UN PRIX >