

Fiche produit Motralec Ziehl Abegg Fe2Owlet FN050 AD - fiche technique | Motralec

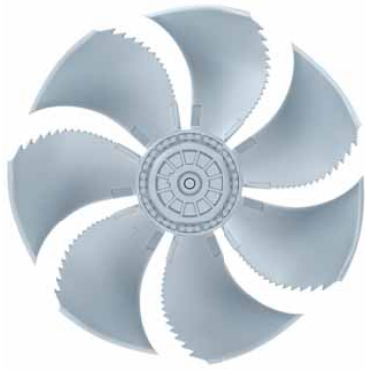
■ **DEMANDE DE PRIX RAPIDE** : <https://www.motralec.com/demandeContact>

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

FE2owlet

for three phase alternating current, 8-8 pole

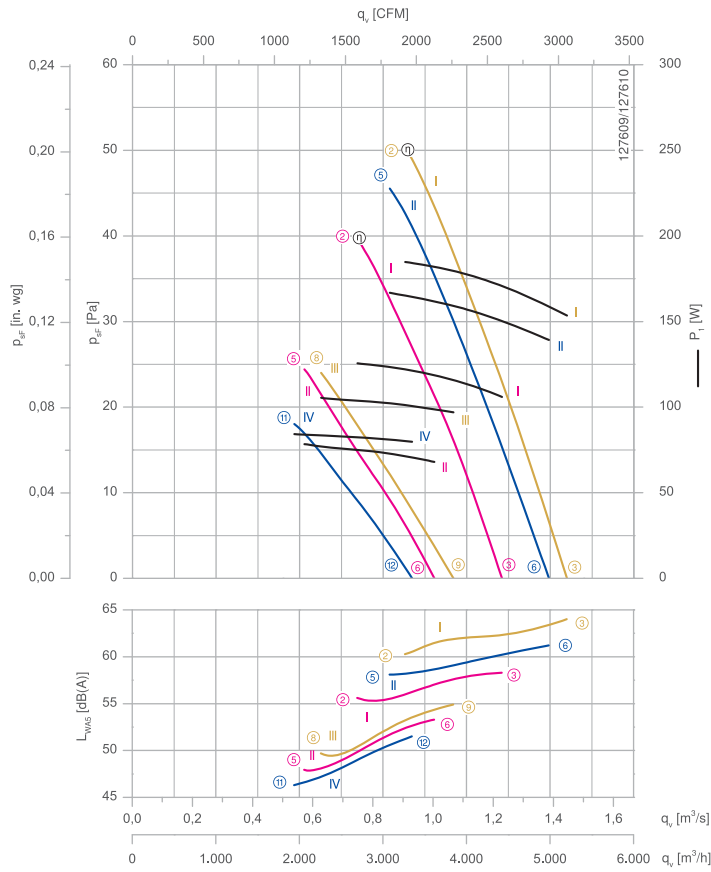
FN050-AD



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 :
130/80 W | 170/85 W | 190/110 W*
 Rated current I_N :
0.29/0.14 A | 0.32/0.16 A | 0.33/0.17 A*
 Rated speed n_N :
670/510 min⁻¹ | 720/450 min⁻¹ | 760/520 min⁻¹*
 Speed n at $p_{stat} = 0$ Pa:
680/560 min⁻¹ | 760/520 min⁻¹ | 800/590 min⁻¹*
 Motor input power P at $p_{stat} = 0$ Pa:
110/70 W | 140/80 W | 150/95 W*
 Air flow q_v at $p_{stat} = 0$ Pa:
1.23/1.0 m³/s | 1.4/0.93 m³/s | 1.44/1.1 m³/s*
 Starting current I_s : **0.7/0.22 A | 0.65/0.2 A | 0.75/0.24 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 9006 (white aluminium)
 Rotor: Aluminium, 2 coat paint, RAL 9006 (white aluminium)
 Conformity: CE
ErP-data
 Not subject to the regulations of ErP directive ($P_i < 125$ W)
 * Rated data

Characteristic curve



Measured with nozzle for transformer cooling and guard grille on suction side in installation type A according to ISO 5801.

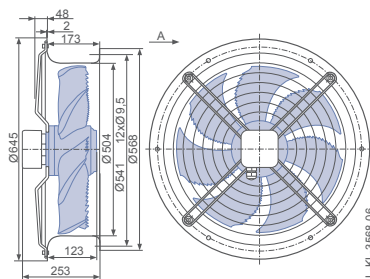
*** Continuous operation with occasional starts (S1) according to DIN EN 60034-1:2011-02. Occasional starting between -40 °C and -25 °C is permissible. Continuous operation below -25 °C only with special bearings for refrigeration applications on request.

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

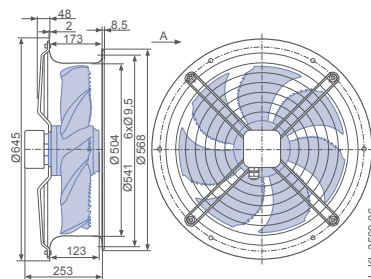
Dimensions mm

Airflow direction A

Design L - round full bell mouth, guard grille suction side



Design L - round full bell mouth, guard grille two-sided



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)	
FN050-ADL.4C.A7P1	Δ	I	400*	50	②	0.29*	130*	670*	56	
					③	0.27*	110*	680*	58	
					⑤	0.14*	80*	510*	48	
	⑥	0.12*	70*		560*	53				
	Δ	II	460*		60	②	0.32*	190*	760*	60
						③	0.29*	150*	800*	64
				⑤		0.32*	170*	720*	58	
	⑥	0.28*	140*	760*		61				
	Y	III	460*	60		⑧	0.17*	110*	520*	50
						⑨	0.15*	95*	590*	55
					⑪	0.16*	85*	450*	46	
	Y	IV	400*		60	⑫	0.15*	80*	520*	52

*rated data

Fan ordering information

Airflow direction A

Design L (guard grille suction side) L (guard grille two-sided)



Type FN050-ADL.4C.A7P1 FN050-ADL.4C.A7P1
Article no. 174745/10K1 174745/10K3

Weight kg 16.80 18.20

Control technology

Frequency inverters
Fcontrol 3~



Page 208

Motor protection units
3~



Page 206

Electronic voltage
controllers 3~



Page 218

ziehl-abegg.com

Fiche produit Motralec Ziehl Abegg Fe2Owlet FN050 AD - 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 FN050 AD



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 >