

Fiche produit Motralec Ziehl Abegg Fe2Owlet FN045 VD - fiche technique | Motralec

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

FE2owlet, AC technology  
Size 450

Fans for railroad engineering  
01/2017

# FE2owlet

for three phase alternating current, 4-4 pole

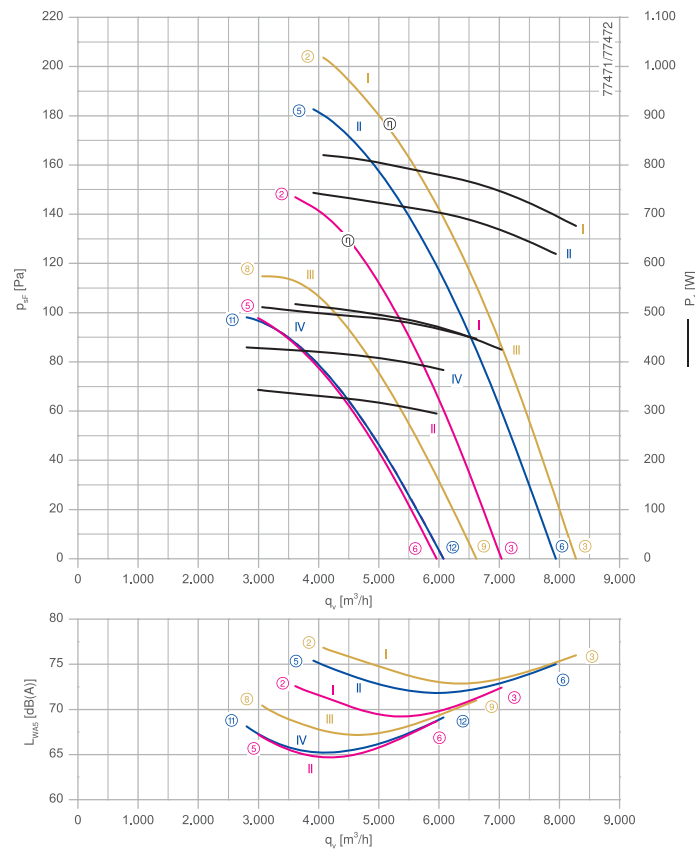
FN045-VD



### Description

Motor technology: AC  
 Rated voltage  $U_N$ :  
 3~400 V ( $\Delta/Y$ ) | 3~400 V ( $\Delta/Y$ ) | 3~460 V ( $\Delta/Y$ ) \*  
 Rated frequency  $f_N$ : 50 Hz | 60 Hz | 60 Hz\*  
 Input power  $P_i$ :  
 0.52/0.34 kW | 0.75/0.43 kW | 0.82/0.51 kW\*  
 Rated current  $I_N$ :  
 1.20/0.60 A | 1.35/0.72 A | 1.40/0.75 A\*  
 Rated speed  $n_N$ :  
 1320/1070 min<sup>-1</sup> | 1450/1060 min<sup>-1</sup> | 1520/1160 min<sup>-1</sup>\*  
 Current increase  $\Delta I$ : 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: Supply cable lateral-diagonal 105 cm  
 Number of blades: 7  
 Degree of protection : IP54  
 Motor protection: thermal contact  
 Blades: Aluminium, 2 coat paint, jet black  
 Rotor: Aluminium, 2 coat paint, jet black  
 Conformity: CE  
 \* Rated data  
 \*\*\* 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.

Characteristic curve



Measured in full bell mouth without guard grille in installation type A according to ISO 5801.

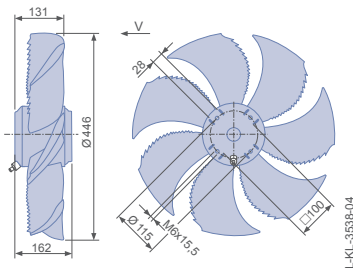
Connection diagram

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1360-108XA

### Dimensions mm



Design A - without mounting



Type	Connection	Characteristic curve	Voltage	Frequency	Operating point	Current	Input power	Speed	Suction side sound power level
			U V	f Hz		I A	P <sub>i</sub> W	n min <sup>-1</sup>	L <sub>WAS</sub> dB(A)
FN045-VD_4I_7P1	Δ	I	400*	50	②	1.20*	520*	1310*	73
			400		③	1.10	420	1360	72
		400*	⑤		0.60*	340*	1070*	68	
	Y	II	400		⑥	0.52	300	1150	69
			460*		60	②	1.40*	820*	1520*
	460	③	1.25			680	1590	76	
	400*	⑤	1.35*	740*		1450*	76		
	Y	II	II	400	⑥	1.20	620	1520	75
				460*	⑧	0.74*	500*	1170*	71
		III	III	460	⑨	0.66	440	1270	71
				400*	⑪	0.72*	420*	1060*	68
		IV	IV	400	⑫	0.64	380	1170	69
400									

\*rated data

### Fan ordering information

**Airflow direction V**

Design: A

Installation position: H/Vu



Type: **FN045-VDA.4I.V7P1**

Article no.: **175771**

Weight kg: 10.70

Information

ZArail

Cpro-ECblue

C-ECblue

C series

N series

M series

FE2owlet

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

Ventilateur Ziehl Abegg FE2OWLET FN045 VD



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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 gamme Ziehl Abegg sur notre site :

[www.motralec.com/.../ziehl-abegg](http://www.motralec.com/.../ziehl-abegg)

**DEMANDER UN PRIX >**