

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

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

FE2owlet, AC technology
Size 500

Fans for railroad engineering
01/2017

FE2owlet

for three phase alternating current, 4-4 pole

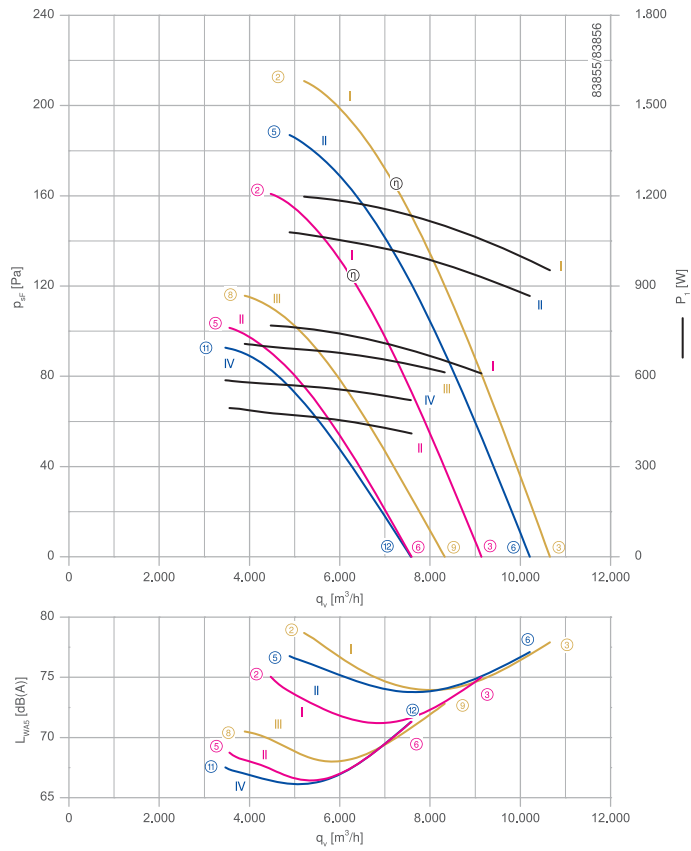
FN050-VD



Description

Motor technology: AC
 Rated voltage U_N :
 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_1 :
 0.77/0.49 kW | 1.10/0.60 kW | 1.20/0.70 kW*
 Rated current I_N :
 1.70/0.84 A | 1.90/1.00 A | 2.00/1.05 A*
 Rated speed n_N :
 1300/1025 min⁻¹ | 1400/980 min⁻¹ | 1480/1100 min⁻¹*
 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: 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.

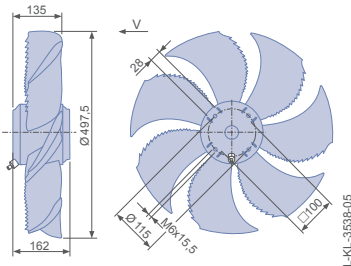
Connection diagram

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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 _i W	n min ⁻¹	L _{WAS} dB(A)	
FN050-VD_4I_7P1	Δ	I	400*	50	②	1.70*	760*	1290*	75	
			400		③	1.55	600	1340	75	
	Y	II	400*		⑤	0.84*	480*	1030*	69	
			400		⑥	0.72	420	1130	71	
	Δ	I	460*		60	②	2.00*	1200*	1480*	79
			460			③	1.70	960	1570	78
		II	400*	⑤		1.90*	1100*	1400*	77	
			400	⑥		1.60	860	1500	77	
	Y	III	460*	⑧		1.05*	700*	1100*	71	
			460	⑨		0.90	620	1230	73	
	IV		400*	⑪		0.98*	580*	990*	68	
			400	⑫		0.88	520	1120	71	

*rated data

Fan ordering information

Airflow direction V

Design A

Installation position H/Vu



Type **FN050-VDA.4I.V7P1**

Article no. **175772**

Weight kg 11.20

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 FN050 VD



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DEMANDER UN PRIX >