

Fiche produit Motralec Ziehl Abegg Fe2Owlet FN125 ND - 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, 12-12 pole

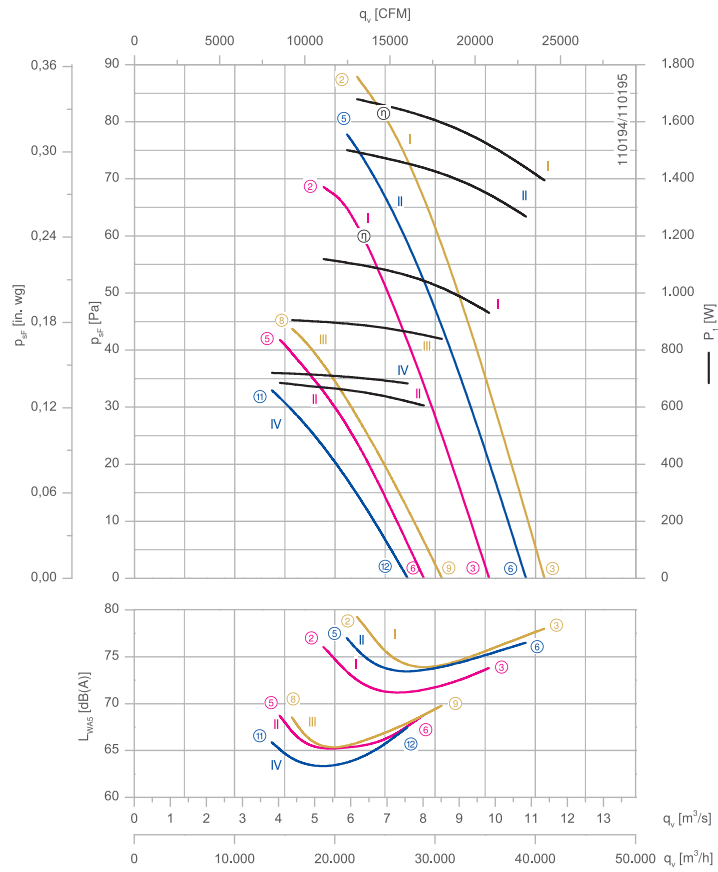
FN 125-ND



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_i :
1.15/0.68 kW | 1.50/0.72 kW | 1.70/0.90 kW*
 Rated current I_N :
3.10/1.50 A | 3.40/1.65 A | 3.50/1.75 A*
 Rated speed n_N :
440/340 min⁻¹ | 470/310 min⁻¹ | 500/350 min⁻¹*
 Speed n at $p_{stat} = 0$ Pa:
450/370 min⁻¹ | 500/350 min⁻¹ | 530/400 min⁻¹*
 Motor input power P at $p_{stat} = 0$ Pa:
940/600 W | 1250/680 W | 1400/840 W*
 Air flow q_v at $p_{stat} = 0$ Pa:
9.8/8 m³/s | 10.8/7.6 m³/s | 11.4/8.5 m³/s*
 Starting current I_A : **7.5/2.4 A | 6.5/2.2 A | 8.0/2.4 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 | 65 °C
 Electrical connection: Terminal box
 Number of blades: 3
 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: ErP 2015, CE
ErP-data
 Efficiency η_{statA} : **34.5 %**
 Efficiency: $N_{actual} = 40.6 / N_{target} = 40$ **
 * Rated data
 **ErP 2015

Characteristic curve



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

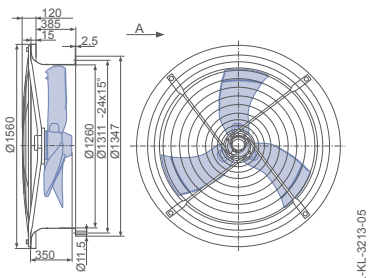
*** Continuous operation with occasional starts (S1) according to DIN EN 60034-1:2011-02. Occasional starting between -40 °C and -25 °C is permissible. Continuous operation below -25 °C only with special bearings for refrigeration applications on request.

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

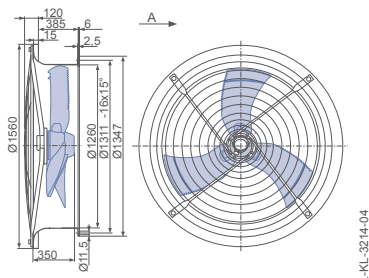
Dimensions mm

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)	
FN125-NDL.7Q.A3P1	Δ	I	400*	50	②	3.10*	1100*	440*	76	
					③	2.90*	940*	450*	74	
					⑤	1.50*	680*	340*	69	
	⑥	1.35*	600*		370*	69				
	Δ	II	460*		60	②	3.50*	1700*	500*	79
						③	3.20*	1400*	530*	78
				⑤		3.40*	1500*	470*	77	
	⑥	3.00*	1250*	500*		77				
	Y	III	460*	60		⑧	1.75*	900*	350*	69
						⑨	1.60*	840*	390*	70
					⑪	1.60*	720*	310*	66	
	Y	IV	400*		60	⑫	1.50*	680*	350*	68

*rated data

Fan ordering information

Airflow direction A

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



Type FN125-NDL.7Q.A3P1 FN125-NDL.7Q.A3P1
Article no. 167467/10K1 167467/10K3

Weight kg 108.70 114.80

Control technology

Frequency inverters
Fcontrol 3~



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Motor protection units
3~



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Electronic voltage
controllers 3~



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

Ventilateur Ziehl Abegg FE2OWLET FN125 ND



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DEMANDER UN PRIX >