

Fiche produit Motralec Ziehl Abegg Fe2Owlet FN100 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

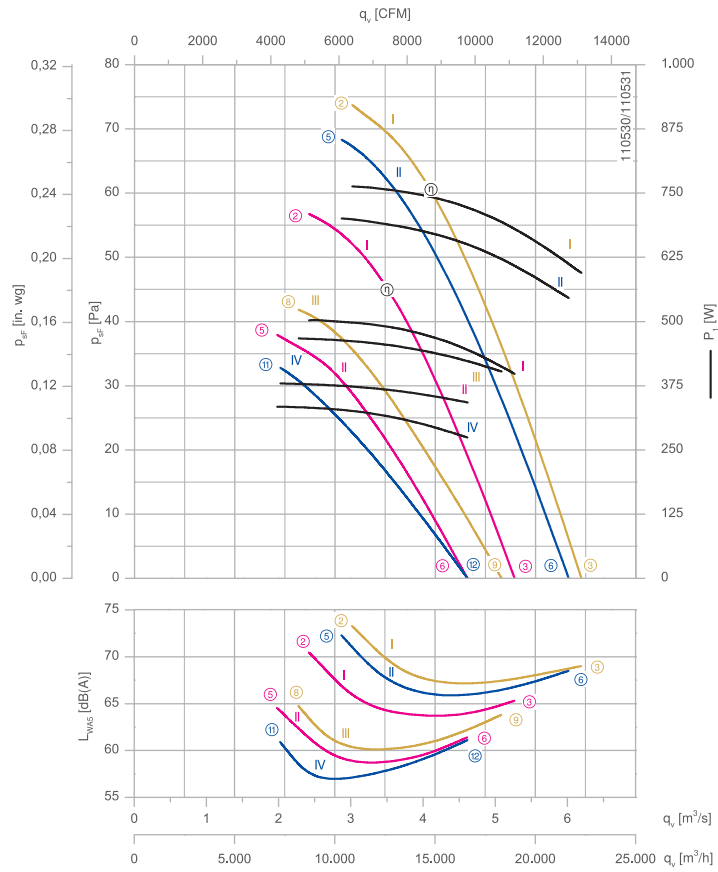
FN100-ND



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* I**
 Input power P_i :
500/330 W | 700/380 W | 760/460 W*
 Rated current I_N :
1.40/0.68 A | 1.55/0.80 A | 1.55/0.84 A*
 Rated speed n_N :
450/370 min⁻¹ | 500/350 min⁻¹ | 530/390 min⁻¹*
 Speed n at $p_{stat} = 0$ Pa:
470/410 min⁻¹ | 530/410 min⁻¹ | 550/450 min⁻¹*
 Motor input power P at $p_{stat} = 0$ Pa:
400/270 W | 540/340 W | 600/400 W*
 Air flow q_v at $p_{stat} = 0$ Pa:
5.3/4.6 m³/s | 6.0/4.6 m³/s | 6.2/5.1 m³/s*
 Starting current I_A : **3.8/1.2 A | 3.2/1.0 A | 3.8/1.2 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: 5
 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} : 33.5 %
 Efficiency: $\eta_{actual} = 41.9 / N_{target} = 40$ **
 * 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.

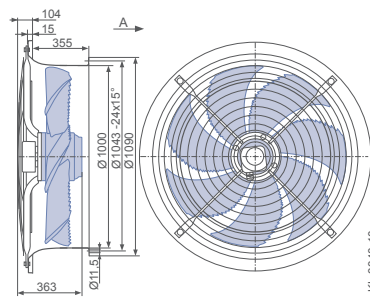
*** Continuous operation with occasional starts (S1) according to DIN EN 60034-1:2011-02. Occasional starting between -40 °C and -25 °C is permissible. Continuous operation below -25 °C only with special bearings for refrigeration applications on request.

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

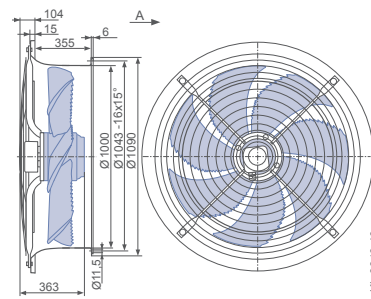
Dimensions mm

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)	
FN100-NDL.7M.A5P1	Δ	I	400*	50	②	1.40*	500*	450*	71	
					③	1.35*	400*	470*	65	
					⑤	0.70*	330*	370*	65	
	⑥	0.60*	270*		410*	61				
	Δ	II	460*		60	②	1.55*	760*	530*	74
						③	1.40*	600*	550*	69
				⑤		1.55*	700*	500*	72	
	⑥	1.30*	540*	530*		69				
	Y	III	460*	60		⑧	0.84*	460*	390*	65
						⑨	0.72*	400*	450*	64
					⑪	0.80*	380*	350*	61	
	Y	IV	400*		60	⑫	0.72*	340*	410*	61

*rated data

Fan ordering information

Airflow direction A

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



Type FN100-NDL.7M.A5P1 FN100-NDL.7M.A5P1
Article no. 167943/10K1 167943/10K3

Weight kg 80.70 85.50

Control technology

Frequency inverters
Fcontrol 3~



Page 208

Motor protection units
3~



Page 206

Electronic voltage
controllers 3~



Page 218

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

Ventilateur Ziehl Abegg FE2OWLET FN100 ND



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DEMANDER UN PRIX >