

Fiche produit Motralec Ziehl Abegg Fe2Owlet FN100 MD - fiche technique | Motralec

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

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

FE2owlet

for three phase alternating current, 10-10 pole

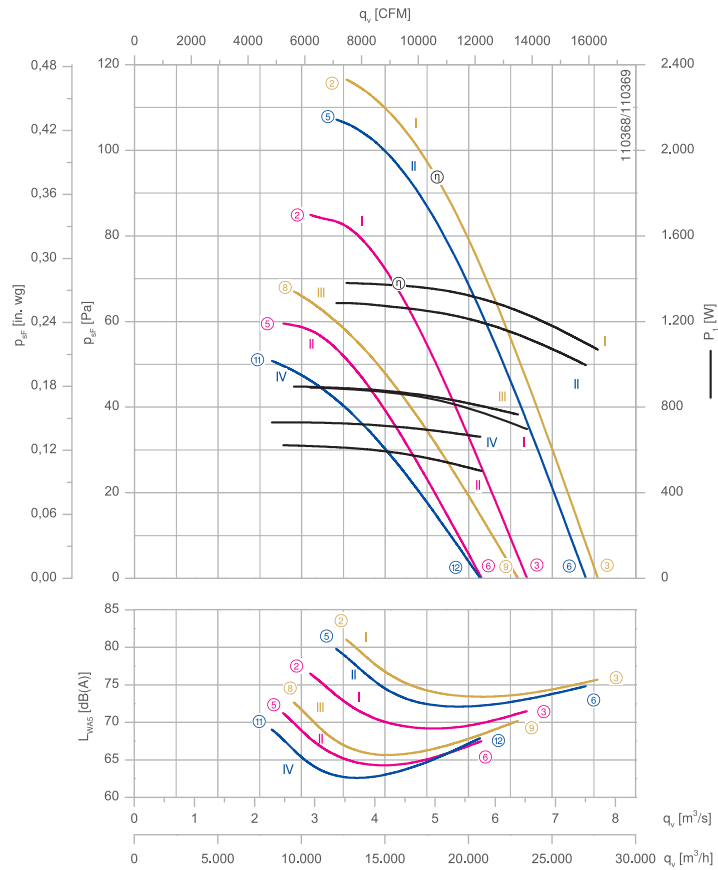
FN100-MD



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 :
 900/620 W | 1.30/0.72 kW | 1.40/0.90 kW*
 Rated current I_N :
 2.50/1.25 A | 2.70/1.60 A | 2.80/1.60 A*
 Rated speed n_N :
 550/470 min⁻¹ | 620/430 min⁻¹ | 650/490 min⁻¹*
 Speed n at $p_{stat} = 0$ Pa:
 570/500 min⁻¹ | 660/500 min⁻¹ | 670/550 min⁻¹*
 Motor input power P at $p_{stat} = 0$ Pa:
 700/500 W | 1000/660 W | 1050/760 W*
 Air flow q_v at $p_{stat} = 0$ Pa:
 6.5/5.8 m³/s | 7.5/5.7 m³/s | 7.7/6.4 m³/s*
 Starting current I_A : 8.0/2.2 A | 6.5/1.9 A | 8.0/2.2 A
 Current increase ΔI : 0 % | 5 % | 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_{data} : 35.4 %
 Efficiency: $N_{actual} = 42.1 / N_{target} = 40$ **
 * 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.

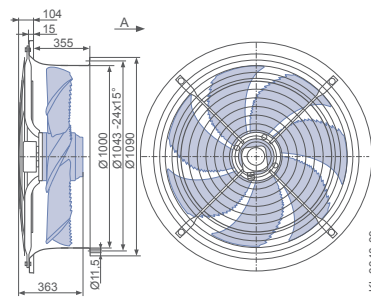
*** Continuous operation with occasional starts (S1) according to DIN EN 60034-1:2011-02. Occasional starting between -40 °C and -25 °C is permissible. Continuous operation below -25 °C only with special bearings for refrigeration applications on request.

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

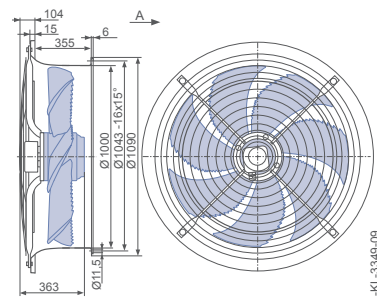
Dimensions mm

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-MDL.7M.A5P1	Δ	I	400*	50	②	2.50*	900*	550*	77		
					③	2.30*	700*	570*	72		
					⑤	1.25*	620*	460*	71		
		II			⑥	1.05*	500*	500*	68		
					Δ	I	②	2.80*	1400*	650*	81
							③	2.40*	1050*	670*	76
	⑤	2.70*	1300*	620*			80				
	II	⑥	2.30*	1000*		650*	75				
		Y	III	⑧		1.60*	900*	490*	73		
				⑨		1.35*	760*	550*	70		
	⑪			1.55*	720*	430*	69				
	IV		⑫	1.35*	660*	500*	68				

*rated data

Fan ordering information

Airflow direction A

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



Type FN100-MDL.7M.A5P1 FN100-MDL.7M.A5P1
Article no. 167944/10K1 167944/10K3

Weight kg 80.70 85.50

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 FN100 MD



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DEMANDER UN PRIX >