

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

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

Oil transformer cooling www.motralec.com / service-commercial@motralec.com Fans for transformer cooling www.motralec.com / [01.39.97.65.10](tel:0139976510)

FE2owlet

for three phase alternating current, 6-6 pole

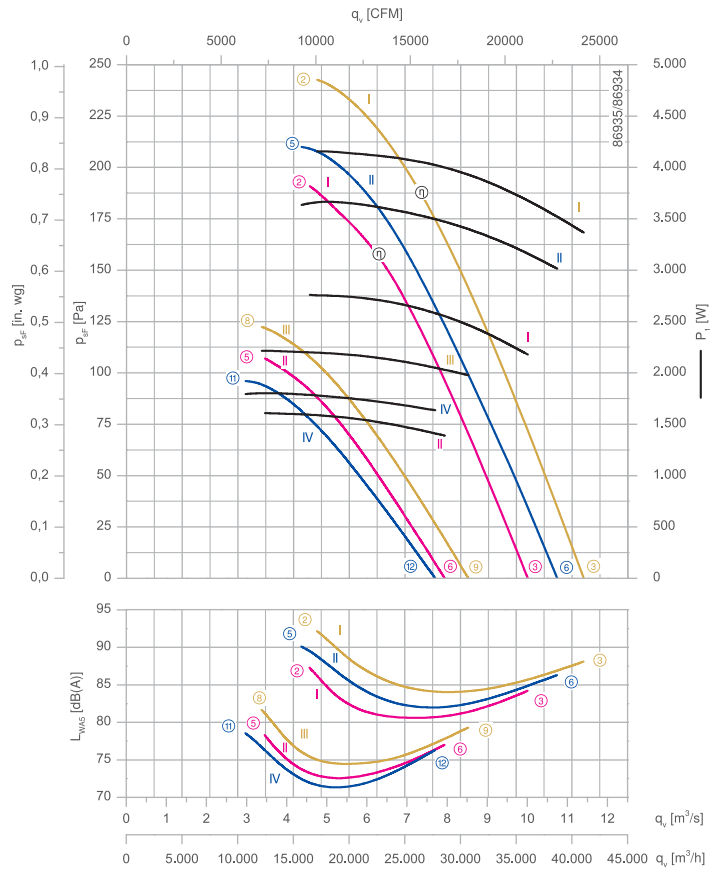
FN100-SD



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 :
2.70/1.60 kW | 3.60/1.80 kW | 4.10/2.20 kW*
 Rated current I_N :
5.30/2.80 A | 6.30/3.10 A | 6.50/3.30 A*
 Rated speed n_N :
820/620 min⁻¹ | 860/590 min⁻¹ | 930/660 min⁻¹*
 Speed n at $p_{stat} = 0$ Pa:
870/690 min⁻¹ | 930/670 min⁻¹ | 990/740 min⁻¹*
 Motor input power P at $p_{stat} = 0$ Pa:
2200/1400 W | 3000/1650 W | 3400/2000 W*
 Air flow q_v at $p_{stat} = 0$ Pa:
10.0/7.9 m³/s | 10.7/7.7 m³/s | 11.4/8.5 m³/s*
 Starting current I_A : **18/6.0 A | 17/5.0 A | 19/6.0 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 | 55 °C | 50 °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} : 36.8 %
 Efficiency: $N_{actual} = 40.5 / N_{target} = 40$ **
 * 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.

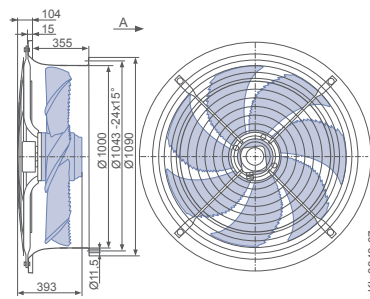
*** Continuous operation with occasional starts (S1) according to DIN EN 60034-1:2011-02. Occasional starting between -40 °C and -25 °C is permissible. Continuous operation below -25 °C only with special bearings for refrigeration applications on request.

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

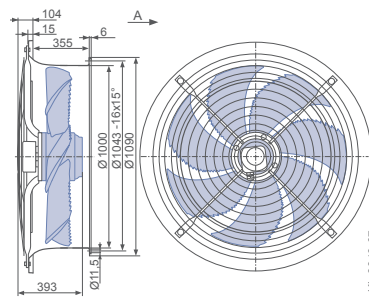
Dimensions mm

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-SDL.7Q.A5P1	Δ	I	400*	50	②	5.40*	2800*	820*	87
					③	4.80*	2200*	870*	84
		Y	II		⑤	2.80*	1600*	620*	79
					⑥	2.40*	1400*	690*	77
	Δ	I	460*	60	②	6.40*	4200*	920*	92
					③	5.60*	3400*	990*	88
		II	400*		⑤	6.40*	3600*	860*	90
					⑥	5.40*	3000*	930*	86
	Y	III	460*	⑧	3.30*	2200*	650*	82	
				⑨	3.00*	2000*	740*	79	
	IV	400*	⑪	3.10*	1800*	580*	79		
			⑫	2.80*	1650*	670*	76		

*rated data

Fan ordering information

Airflow direction A

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



Type FN100-SDL.7Q.A5P1 FN100-SDL.7Q.A5P1
Article no. 156297/10K1 156297/10K3

Weight kg 87.20 92.00

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 SD



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