

Fiche produit Motralec Ziehl Abegg Fe2Owlet FN045 SD - fiche technique | Motralec

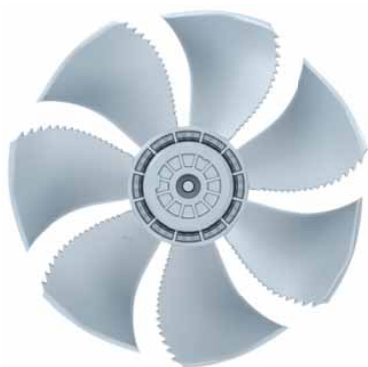
■ DEMANDE DE PRIX RAPIDE : <https://www.motralec.com/demandeContact>

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, 6-6 pole

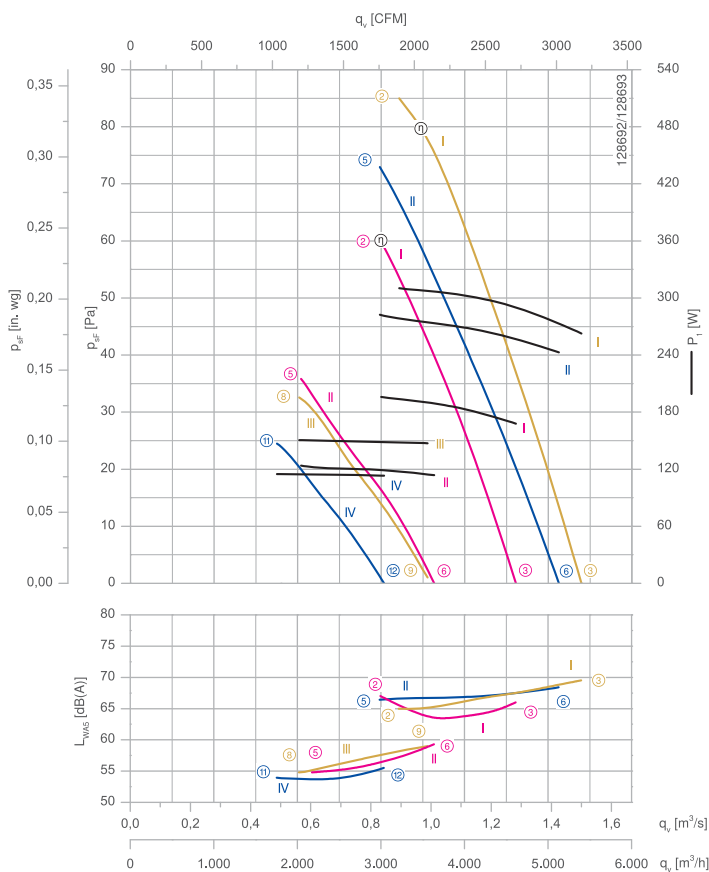
FN045-SD



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 :
 200/120 W | 280/110 W | 310/150 W*
 Rated current I_N :
 0.50/0.27 A | 0.62/0.28 A | 0.60/0.31 A*
 Rated speed n_N :
 920/670 min⁻¹ | 970/560 min⁻¹ | 1050/650 min⁻¹*
 Speed n at $p_{stat} = 0$ Pa:
 930/740 min⁻¹ | 1040/620 min⁻¹ | 1090/730 min⁻¹*
 Motor input power P at $p_{stat} = 0$ Pa:
 170/110 W | 240/110 W | 260/150 W*
 Air flow q_v at $p_{stat} = 0$ Pa:
 1.28/1.0 m³/s | 1.42/0.84 m³/s | 1.5/1.0 m³/s*
 Starting current I_s : 1.1/0.32 A | 0.95/0.26 A | 1.1/0.3 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: 7
 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} : 29.0 %
 Efficiency: $N_{actual} = 40.0 / N_{target} = 40$ **
 * 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.

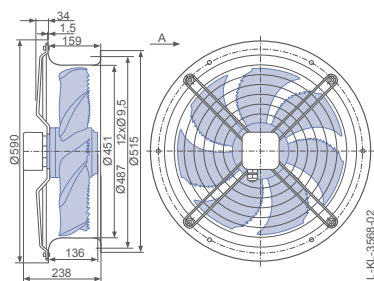
*** Continuous operation with occasional starts (S1) according to DIN EN 60034-1:2011-02. Occasional starting between -40 °C and -25 °C is permissible. Continuous operation below -25 °C only with special bearings for refrigeration applications on request.

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

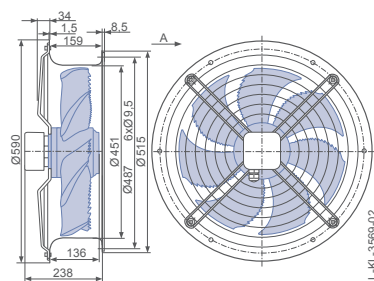
Dimensions mm

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)	
FN045-SDL.4F.A7P1	Δ	I	400*	50	②	0.50*	200*	920*	67	
					③	0.48*	170*	930*	66	
					⑤	0.27*	120*	670*	55	
	⑥	0.25*	110*		740*	59				
	Δ	II	460*		60	②	0.60*	310*	1050*	65
						③	0.54*	260*	1090*	70
				⑤		0.62*	280*	970*	67	
	⑥	0.54*	240*	1040*		68				
	Y	III	460*	60		⑧	0.31*	150*	650*	55
						⑨	0.30*	150*	730*	59
					⑪	0.28*	110*	560*	54	
	Y	IV	400*		60	⑫	0.27*	110*	620*	56

*rated data

Fan ordering information

Airflow direction A

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



Type FN045-SDL.4F.A7P1 FN045-SDL.4F.A7P1
Article no. 174741/10K1 174741/10K3

Weight kg 14.90 16.10

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 FN045 SD



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DEMANDER UN PRIX >