

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

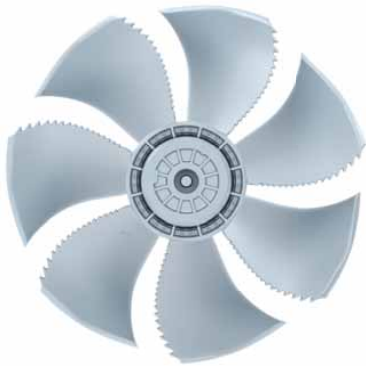
■ DEMANDE DE PRIX RAPIDE : <https://www.motralec.com/demandeContact>

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, 8-8 pole

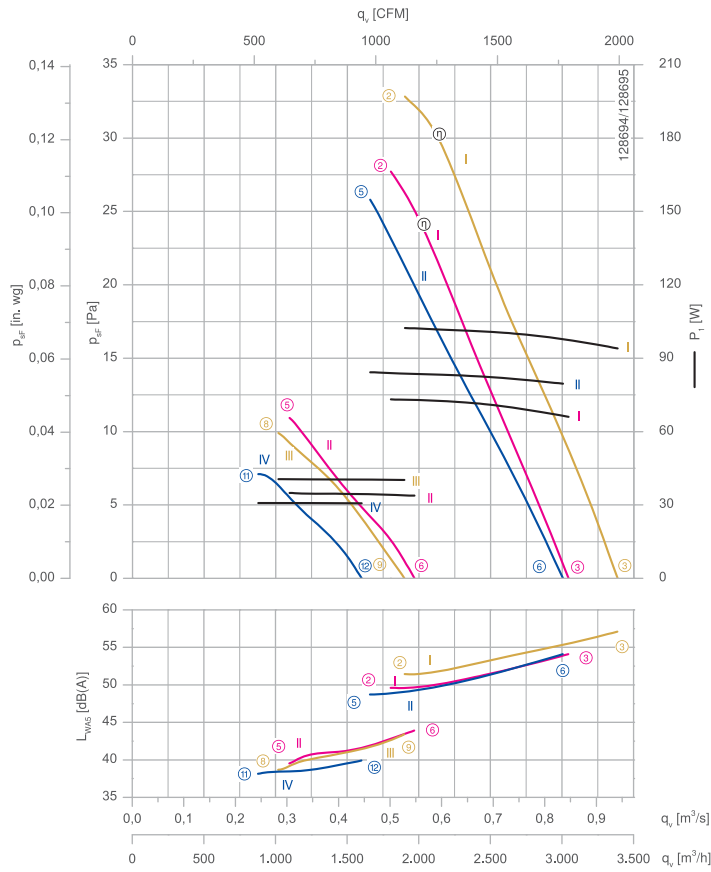
FN045-AD



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 :
 75/34 W | 85/30 W | 100/40 W*
 Rated current I_N :
 0.16/0.072 A | 0.18/0.071 A | 0.19/0.08 A*
 Rated speed n_N :
 590/370 min⁻¹ | 560/300 min⁻¹ | 640/360 min⁻¹*
 Speed n at $p_{stat} = 0$ Pa:
 620/410 min⁻¹ | 620/330 min⁻¹ | 690/400 min⁻¹*
 Motor input power P at $p_{stat} = 0$ Pa:
 65/34 W | 80/30 W | 95/40 W*
 Air flow q_v at $p_{stat} = 0$ Pa:
 0.85/0.55 m³/s | 0.83/0.44 m³/s | 0.94/0.53 m³/s*
 Starting current I_s : 0.26/0.08 A | 0.22/0.07 A | 0.26/0.08 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: CE
ErP-data
 Not subject to the regulations of ErP directive ($P_i < 125$ W)
 * Rated data

Characteristic curve



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

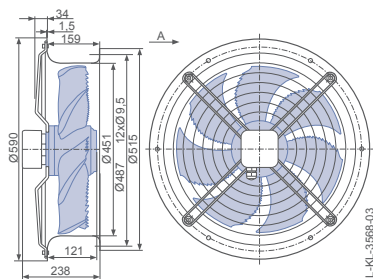
*** Continuous operation with occasional starts (S1) according to DIN EN 60034-1:2011-02. Occasional starting between -40 °C and -25 °C is permissible. Continuous operation below -25 °C only with special bearings for refrigeration applications on request.

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

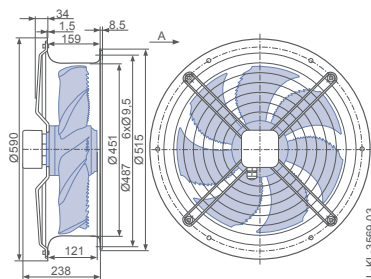
Dimensions mm

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-ADL.4C.A7P1	Δ	I	400*	50	②	0.16*	75*	590*	50		
					③	0.15*	65*	620*	54		
					⑤	0.07*	34*	370*	40		
		II			⑥	0.07*	34*	410*	44		
					Δ	I	②	0.19*	100*	640*	51
							③	0.17*	95*	690*	57
	⑤	0.18*	85*	560*			49				
	II	⑥	0.17*	80*		620*	54				
		Y	III	⑧		0.08*	40*	360*	39		
				⑨		0.07*	40*	400*	43		
	⑪			0.07*	30*	300*	38				
	IV		⑫	0.07*	30*	330*	40				

*rated data

Fan ordering information

Airflow direction A

Design	L (guard grille suction side)	L (guard grille two-sided)
		
Type	FN045-ADL.4C.A7P1	FN045-ADL.4C.A7P1
Article no.	174742/10K1	174742/10K3
Weight kg	13.50	14.70

Control technology

Frequency inverters Fcontrol 3~	Motor protection units 3~	Electronic voltage controllers 3~
		
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Besoin d'un prix ou d'un conseil technique ?

Ventilateur Ziehl Abegg FE2OWLET FN045 AD



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DEMANDER UN PRIX >