

Fiche produit Motralec Ziehl Abegg Fe2Owlet FN050 SD - fiche technique | Motralec

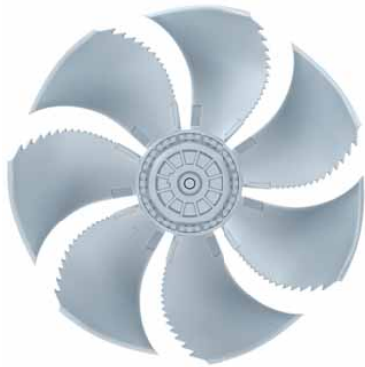
■ DEMANDE DE PRIX RAPIDE : <https://www.motralec.com/demandeContact>

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

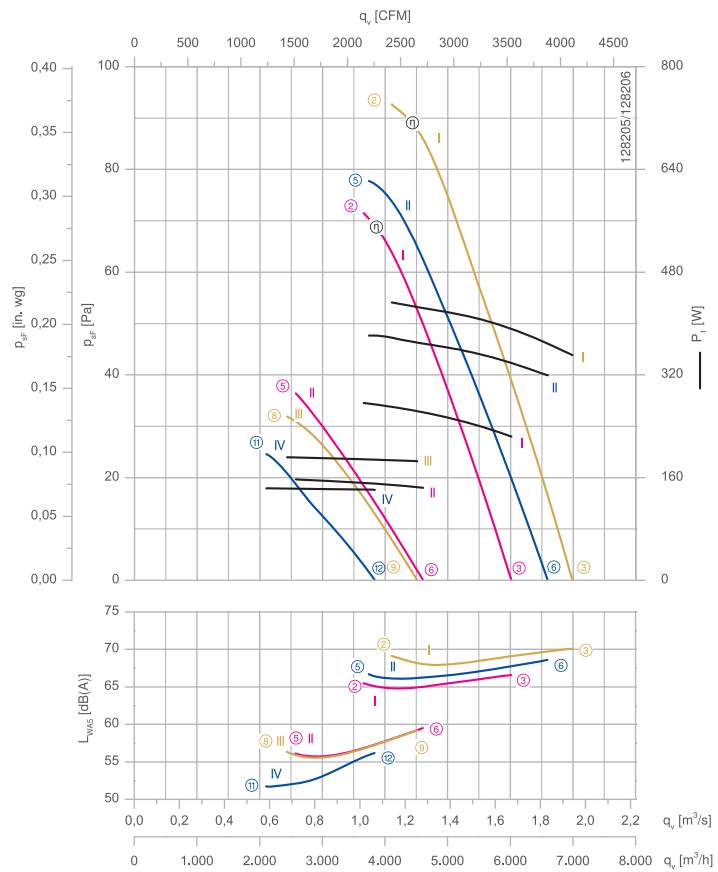
FN050-SD



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 :
 280/160 W | 380/140 W | 440/190 W*
 Rated current I_N :
 0.68/0.34 A | 0.82/0.34 A | 0.82/0.39 A*
 Rated speed n_N :
 890/630 min⁻¹ | 920/520 min⁻¹ | 1010/600 min⁻¹*
 Speed n at $p_{stat} = 0$ Pa:
 920/710 min⁻¹ | 1010/600 min⁻¹ | 1070/700 min⁻¹*
 Motor input power P at $p_{stat} = 0$ Pa:
 220/140 W | 320/140 W | 350/190 W*
 Air flow q_v at $p_{stat} = 0$ Pa:
 1.67/1.28 m³/s | 1.83/1.0 m³/s | 1.94/1.25 m³/s*
 Starting current I_s : 1.5/0.4 A | 1.2/0.32 A | 1.5/0.4 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} : 30.1 %
 Efficiency: $N_{actual} = 40.2 / N_{target} = 40$ **
 * 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.

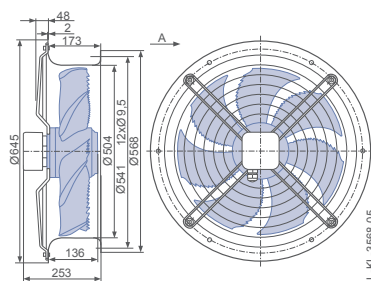
*** Continuous operation with occasional starts (S1) according to DIN EN 60034-1:2011-02. Occasional starting between -40 °C and -25 °C is permissible. Continuous operation below -25 °C only with special bearings for refrigeration applications on request.

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

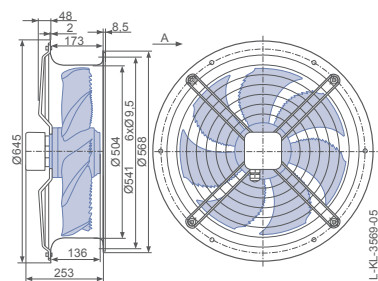
Dimensions mm

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)			
FN050-SDL.4F.A7P1	Δ	I	400*	50	②	0.68*	280*	890*	66			
					③	0.62*	220*	920*	67			
					⑤	0.34*	160*	630*	56			
		Y			II	⑥	0.31*	140*	710*	60		
						Δ	I	②	0.82*	440*	1010*	69
								③	0.70*	350*	1070*	70
	⑤	0.82*	380*	920*	67							
	Y	III	⑥	0.70*	320*		1010*	69				
			IV	⑧	0.39*		190*	600*	56			
				⑨	0.37*		190*	700*	59			
				⑪	0.34*	140*	520*	52				
			⑫	0.33*	140*	600*	56					

*rated data

Fan ordering information

Airflow direction A

Design	L (guard grille suction side)	L (guard grille two-sided)
		
Type	FN050-SDL.4F.A7P1	FN050-SDL.4F.A7P1
Article no.	174744/10K1	174744/10K3
Weight kg	18.50	19.90

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 FN050 SD



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DEMANDER UN PRIX >