

Fiche produit Motralec Ziehl Abegg Fe2Owlet With Zaplus ZN050 SD 1 - fiche technique | Motralec

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

Oil transformer cooling Fans for transformer cooling
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FE2owlet with ZApplus

for three phase alternating current, 6-6 pole

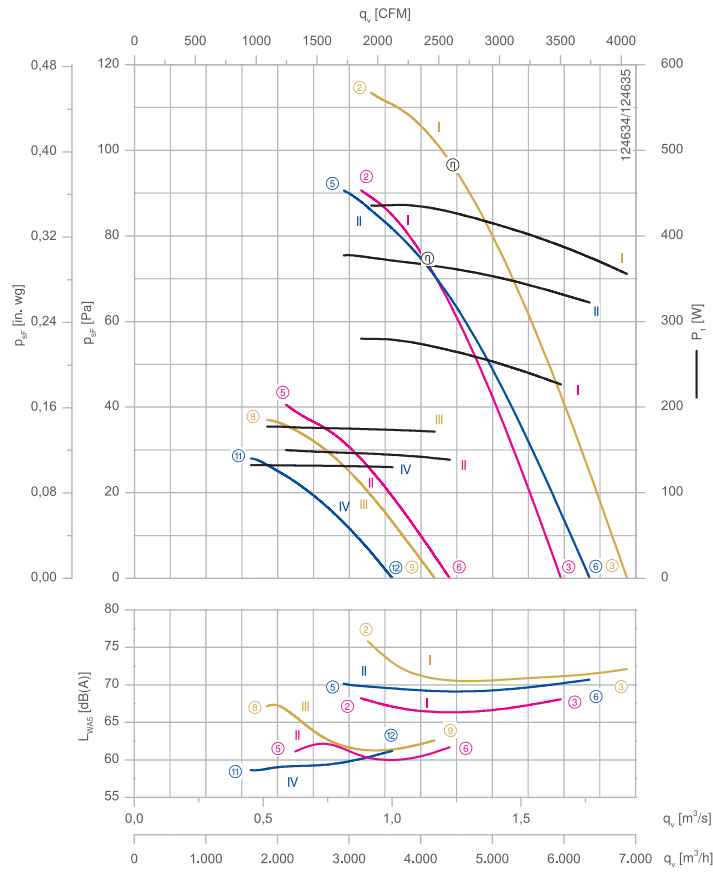
ZN050-SD



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 :
280/150 W | 380/130 W | 440/180 W*
 Rated current I_N :
0.68/0.34 A | 0.84/0.33 A | 0.86/0.37 A*
 Rated speed n_N :
880/590 min⁻¹ | 870/480 min⁻¹ | 980/560 min⁻¹*
 Speed n at $p_{stat} = 0$ Pa:
910/670 min⁻¹ | 970/550 min⁻¹ | 1050/650 min⁻¹*
 Motor input power P at $p_{stat} = 0$ Pa:
230/140 W | 320/130 W | 360/170 W*
 Air flow q_v at $p_{stat} = 0$ Pa:
1.7/1.2 m³/s | 1.8/1.0 m³/s | 1.9/1.2 m³/s*
 Starting current I_A : **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 | 60 °C | 60 °C
 Electrical connection: Terminal box
 Number of blades: 7
 Degree of protection : IP54
 Motor protection: thermal contact
 Blades: Aluminium, 2 coat paint,
 RAL 9005 (jet black)
 Rotor: Aluminium, 2 coat paint,
 RAL 9005 (jet black)
 Conformity: ErP 2015, CE
ErP-data
 Efficiency η_{rated} : **33.8 %**
 Efficiency: $N_{actual} = 43.8 / N_{target} = 40$ **
 * Rated data
 **ErP 2015

Characteristic curve



Measured in ZApplus and guard grille on suction side in installation type A according to ISO 5801.

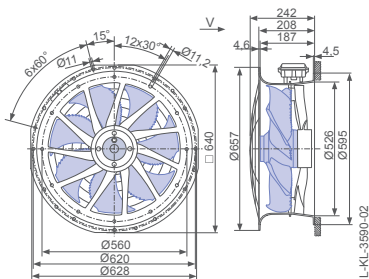
*** Continuous operation with occasional starts (S1) according to DIN EN 60034-1:2011-02. Occasional starting between -40 °C and -25 °C is permissible. Continuous operation below -25 °C only with special bearings for refrigeration applications on request.

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

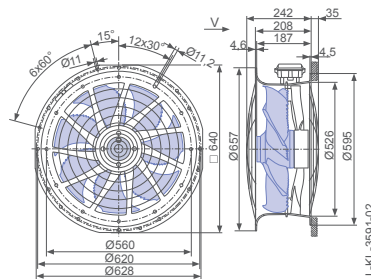
Dimensions mm

Airflow direction

Design L - ZApplus, guard grille suction side with connection box



Design L - ZApplus, guard grille two-sided with connection box



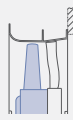
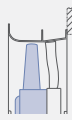
Type	Connection	Characteristic curve	Voltage	Frequency	Operating point	Current	Input power	Speed	Suction side sound power level
			U V	f Hz		I A	P _i W	n min ⁻¹	L _{WAS} dB(A)
ZN050-SDL.4F.V7P1	Δ	I	400*	50	②	0.70*	290*	880*	68
					③	0.64*	230*	910*	68
					⑤	0.35*	150*	590*	61
	Y	II	400*	50	⑥	0.32*	140*	670*	62
					②	0.86*	440*	980*	76
					③	0.74*	360*	1050*	72
	Δ	I	460*	60	⑤	0.86*	380*	870*	70
					⑥	0.74*	330*	970*	71
					⑧	0.38*	180*	560*	67
	Y	III	460*	60	⑨	0.36*	170*	650*	63
					⑪	0.34*	130*	480*	59
					⑫	0.33*	130*	550*	61

*rated data

Fan ordering information

Airflow direction

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



Type ZN050-SDL.4F.V7P1 ZN050-SDL.4F.V7P1
Article no. 176012/10K4 176012/10K6

Weight kg 15.30 16.50
ZAplus attachable on both sides.

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 ?

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Voir la fiche technique sur notre site :

www.motralec.com/.../ventilateur-axial-ziehl-abegg-fe2owlet

DEMANDER UN PRIX >