

Fiche produit Motralec Ziehl Abegg Fe2Owlet With Zaplus ZN091 SD 2 - fiche technique | Motralec

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

Oil transformer cooling
Size 910

Addendum fans for transformer cooling
02/2020

FE2owlet with ZApplus

for three phase alternating current, 6-6 pole

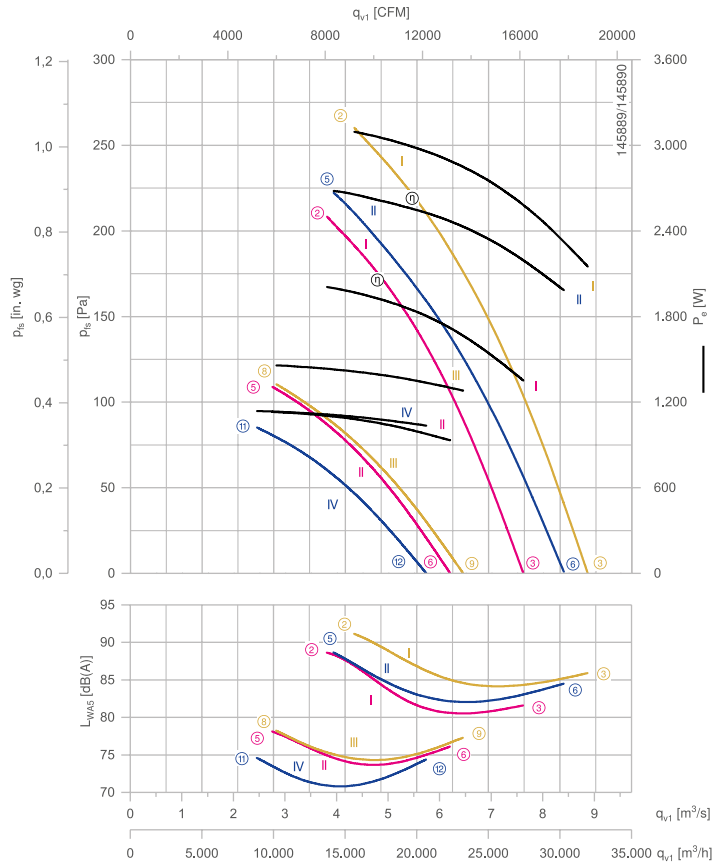
ZN091-SD



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_e :
2.00/1.15 kW | 2.70/1.15 kW | 3.10/1.45 *
 Rated current I_N :
4.20/2.20 A | 5.20/2.30 A | 5.40/2.50 A*
 Rated speed n_N :
880/640 min⁻¹ | 910/560 min⁻¹ | 990/640 min⁻¹*
 Speed n at $p_{st} = 0$ Pa:
930/760 min⁻¹ | 1030/710 min⁻¹ | 1080/800 min⁻¹*
 Power input P_e at $p_{st} = 0$ Pa:
1.35/0.94 kW | 2.0/1.05 kW | 2.2/1.3 kW*
 Air flow q_{v1} at $p_{st} = 0$ Pa:
7.6/6.2 m³/s | 8.4/5.7 m³/s | 8.9/6.5 m³/s*
 Starting current I_A : **11/3.4 A | 10/3.0 A | 11/3.6 A**
 Current increase ΔI : **0 % | 0 % | 0 %**
 Thermal class: THCL155*
 Min. permitted ambient temperature $t_{amb(min)}$: **-40 °C****
 Max. permitted ambient temperature $t_{amb(max)}$:
65 °C | 40 °C | 40 °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_{stata} : 44.7 %
 Efficiency grade: $N_{actual} = 49.6 / N_{target} = 40$ **
 * 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.

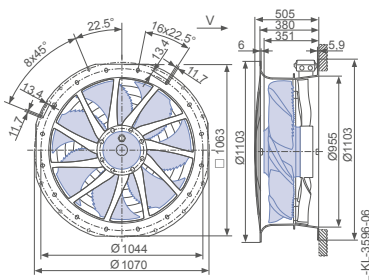
Connection diagram

1360-108XA

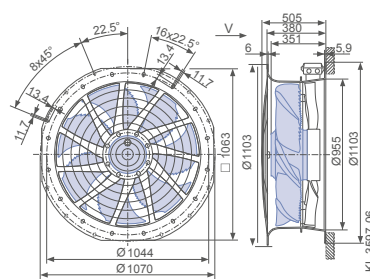
Dimensions mm

Air flow direction

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




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


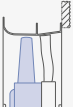


Type	Connection	Characteristic curve	Voltage	Frequency	Operating point	Current	Input power	Speed	Suction side sound power level L_{WAS} dB(A)
			U V	f Hz		I A	P_g W	n min ⁻¹	
ZN091-SD_6N_7P2	Δ	I	400*	50	②	4.20*	2000*	880*	89
					③	3.40*	1350*	930*	82
		Y	II		⑤	2.20*	1150*	640*	78
					⑥	1.80*	940*	760*	76
	Δ	I	460*	60	②	5.20*	3100*	990*	91
					③	3.90*	2200*	1080*	86
		II	400*		⑤	5.20*	2700*	910*	89
					⑥	3.90*	2000*	1030*	85
	Y	III	460*		⑧	2.50*	1450*	650*	78
					⑨	2.10*	1300*	800*	77
		IV	400*		⑪	2.30*	1150*	570*	75
					⑫	2.00*	1050*	710*	74




*rated data

Fan ordering information

Air flow direction 

Design	L (guard grille suction side)	L (guard grille two-sided)
		
Type	ZN091-SDL.6N.V7P2	ZN091-SDL.6N.V7P2
Article no.	180431/10K4	180431/10K6
Weight kg	45.40	47.30
ZApus attachable on both sides.		

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 axial Ziehl-Abegg FE2OWLET



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Voir la fiche technique sur notre site :

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

DEMANDER UN PRIX >