

Fiche produit Motralec Ziehl Abegg Fe2Owlet With Zaplus ZN056 SD 1 - fiche technique | Motralec

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

Oil transformer cooling
Size 560

Addendum fans for transformer cooling
02/2020

FE2owlet with ZApus

for three phase alternating current, 6-6 pole

ZN056-SD

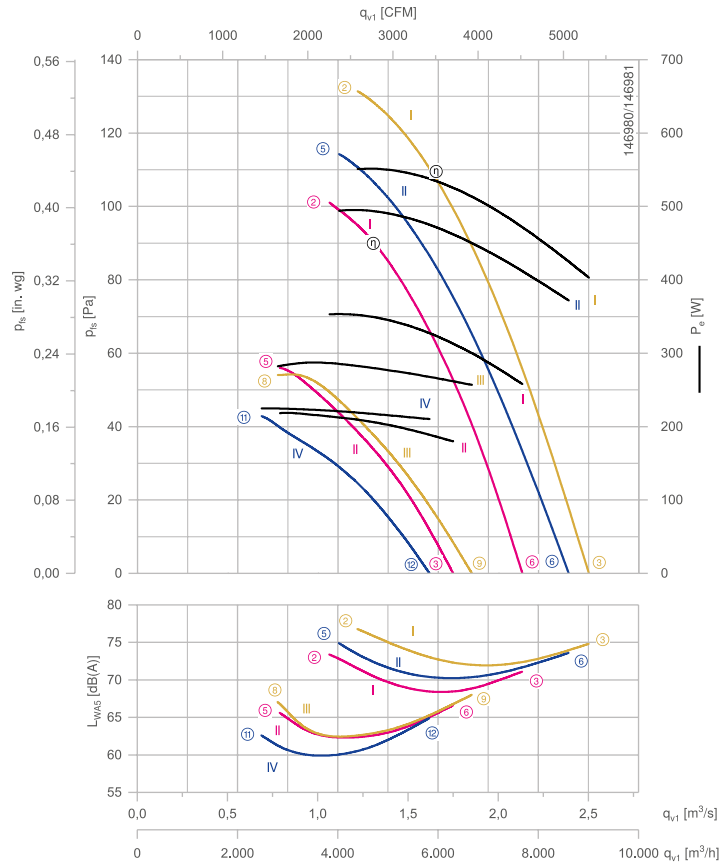


Description

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 :
350/220 W | 500/220 W | 560/290 W*
 Rated current I_N :
0.72/0.38 A | 0.90/0.42 A | 0.90/0.46 A*
 Rated speed n_n :
870/650 min⁻¹ | 920/570 min⁻¹ | 1000/660 min⁻¹*
 Speed n at $p_{0e} = 0$ Pa:
920/750 min⁻¹ | 1020/700 min⁻¹ | 1070/800 min⁻¹*
 Power input P_e at $p_{0e} = 0$ Pa:
260/180 W | 370/210 W | 400/260 W*
 Air flow q_{v1} at $p_{0e} = 0$ Pa:
2.1/1.75 m³/s | 2.4/1.6 m³/s | 2.5/1.85 m³/s*

Current increase ΔI : **0 % | 0 % | 0 %**
 Thermal class: THCL155*
 Min. permitted ambient temperature $t_{amb(min)}$: **-40 °C****
 Max. permitted ambient temperature $t_{amb(max)}$:
70 °C | 55 °C | 55 °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} : **36.9 %**
 Efficiency grade: $N_{actual} = 46.2 / N_{target} = 40$ **
 * Rated data
 **ErP 2015

Characteristic curve



Measured in ZApus 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.

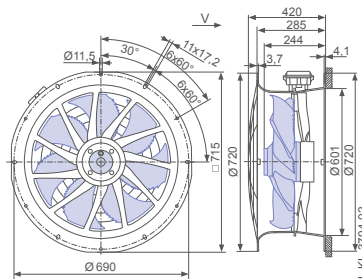
Connection diagram

1360-108XA

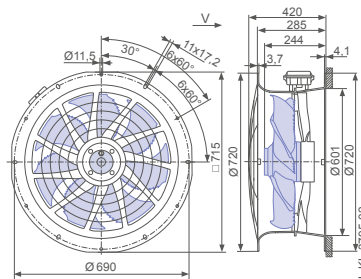
Dimensions mm

Air flow direction

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




Design L - ZApus, 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 _e W	n min ⁻¹	L _{WAS} dB(A)
ZN056-SD_4F_7P2	Δ	I	400*	50	②	0.72*	350*	870*	73
					③	0.62*	260*	920*	71
	Y	II	400*	50	⑤	0.38*	220*	650*	66
					⑥	0.32*	180*	750*	67
	Δ	I	460*	60	②	0.90*	560*	1000*	77
					③	0.72*	400*	1070*	75
		II	400*		⑤	0.90*	500*	920*	75
					⑥	0.70*	370*	1020*	74
	Y	III	460*	60	⑧	0.46*	280*	680*	67
					⑨	0.40*	260*	800*	68
	Y	IV	400*	60	⑪	0.42*	220*	570*	63
					⑫	0.39*	210*	700*	65

*rated data

Fan ordering information

Air flow direction 

Design	L (guard grille suction side)	L (guard grille two-sided)
		
Type	ZN056-SDL.4F.V7P2	ZN056-SDL.4F.V7P2
Article no.	180664/10K4	180664/10K6
Weight kg	17.50	18.30
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 >