

Fiche produit Motralec Ziehl Abegg Fe2Owlet With Zaplus ZN071 AD 1 - fiche technique | Motralec

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

Oil transformer cooling [www.motralec.com](http://www.motralec.com) / service-commercial@motralec.com / 01.39.97.65.10 Fans for transformer cooling

# FE2owlet with ZApus

for three phase alternating current, 8-8 pole

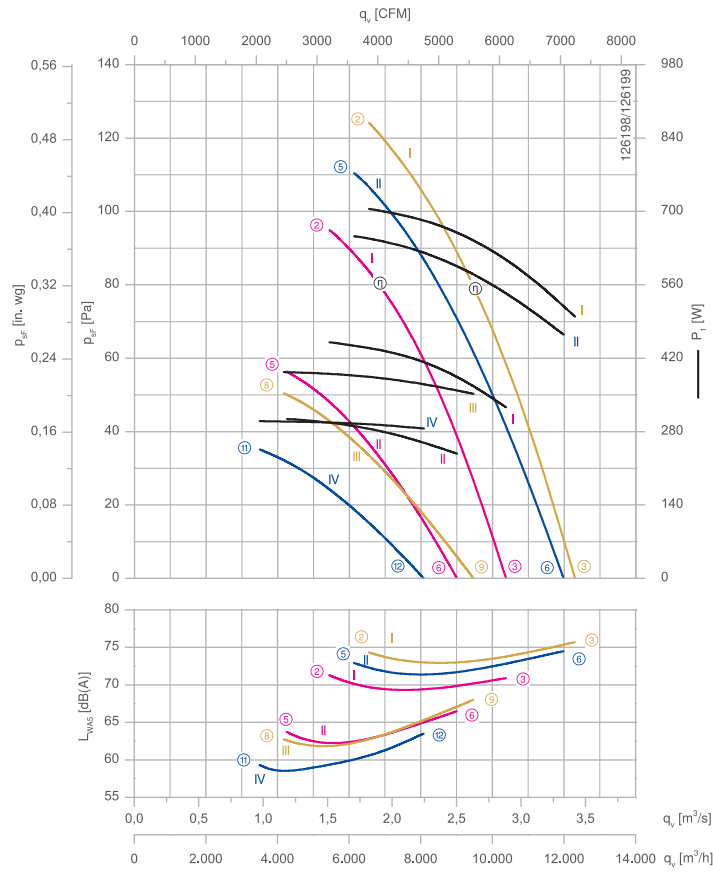
ZN071-AD



### Description

Motor technology: AC  
 Rated voltage  $U_N \pm 10\%$  :  
**3- 400 V ( $\Delta/Y$ ) | 3-400 V ( $\Delta/Y$ ) | 3-460 V ( $\Delta/Y$ ) \***  
 Rated frequency  $f_N$ : **50 Hz | 60 Hz | 60 Hz\***  
 Input power  $P_i$  :  
**460/310 W | 660/300 W | 700/390 W\***  
 Rated current  $I_N$  :  
**1.05/0.60 A | 1.30/0.66 A | 1.25/0.74 A\***  
 Rated speed  $n_N$  :  
**680/530 min<sup>-1</sup> | 740/420 min<sup>-1</sup> | 780/500 min<sup>-1</sup>\***  
 Speed  $n$  at  $p_{stat} = 0$  Pa:  
**710/610 min<sup>-1</sup> | 800/540 min<sup>-1</sup> | 830/640 min<sup>-1</sup>\***  
 Motor input power  $P$  at  $p_{stat} = 0$  Pa:  
**330/240 W | 460/290 W | 500/350 W\***  
 Air flow  $q_a$  at  $p_{stat} = 0$  Pa:  
**2.9/2.5 m<sup>3</sup>/s | 3.3/2.2 m<sup>3</sup>/s | 3.4/2.6 m<sup>3</sup>/s\***  
 Starting current  $I_A$ : **3.2/0.95 A | 2.8/0.85 A | 3.2/1.0 A**  
 Current increase  $\Delta I$ : **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 9005 (jet black)  
 Rotor: Aluminium, 2 coat paint, RAL 9005 (jet black)  
 Conformity: ErP 2015, CE  
**ErP-data**  
 Efficiency  $\eta_{statA}$ : 38.0 %  
 Efficiency:  $N_{actual} = 46.7 / N_{target} = 40$ \*\*  
 \* Rated data  
 \*\*ErP 2015

### Characteristic curve



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

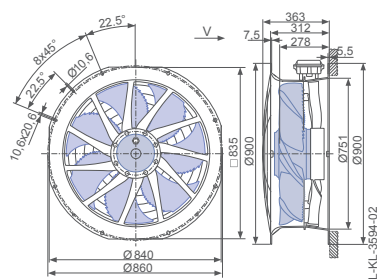
\*\*\* Continuous operation with occasional starts (S1) according to DIN EN 60034-1:2011-02. Occasional starting between -40 °C and -25 °C is permissible. Continuous operation below -25 °C only with special bearings for refrigeration applications on request.

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

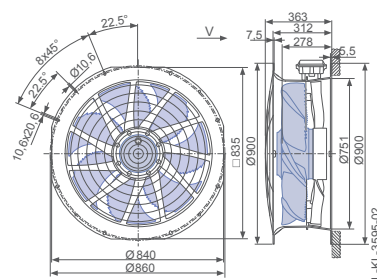
### Dimensions mm

#### Airflow 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 <sub>i</sub> W	n min <sup>-1</sup>	L <sub>WAS</sub> dB(A)			
ZN071-ADL.6F.V7P1	Δ	I	400*	50	②	1.05*	460*	680*	71			
					③	0.94*	330*	710*	71			
					⑤	0.60*	300*	530*	64			
		Y			II	⑥	0.46*	240*	610*	67		
						Δ	I	②	1.25*	700*	780*	75
								③	1.00*	500*	830*	76
	Y	II	400*	⑤	1.25*	660*	740*	73				
				⑥	0.98*	460*	800*	75				
				Y	III	⑧	0.72*	390*	500*	63		
		⑨	0.62*			350*	640*	68				
		IV	⑪			0.66*	300*	420*	59			
		⑫	0.60*	290*	540*	64						

\*rated data

## Fan ordering information

### Airflow direction

Design	L (guard grille suction side)	L (guard grille two-sided)
		
<b>Type</b>	<b>ZN071-ADL.6F.V7P1</b>	<b>ZN071-ADL.6F.V7P1</b>
<b>Article no.</b>	<b>176030/10K4</b>	<b>176030/10K6</b>
<b>Weight kg</b>	29.50	30.70
ZAplus 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 ?

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