

Fiche produit Motralec Ziehl Abegg Fe2Owlet FN063 SD - fiche technique | Motralec

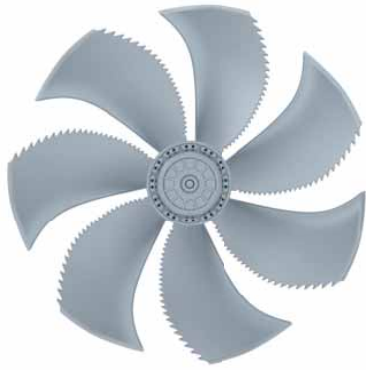
■ DEMANDE DE PRIX RAPIDE : <https://www.motralec.com/demandeContact>

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

# FE2owlet

for three phase alternating current, 6-6 pole

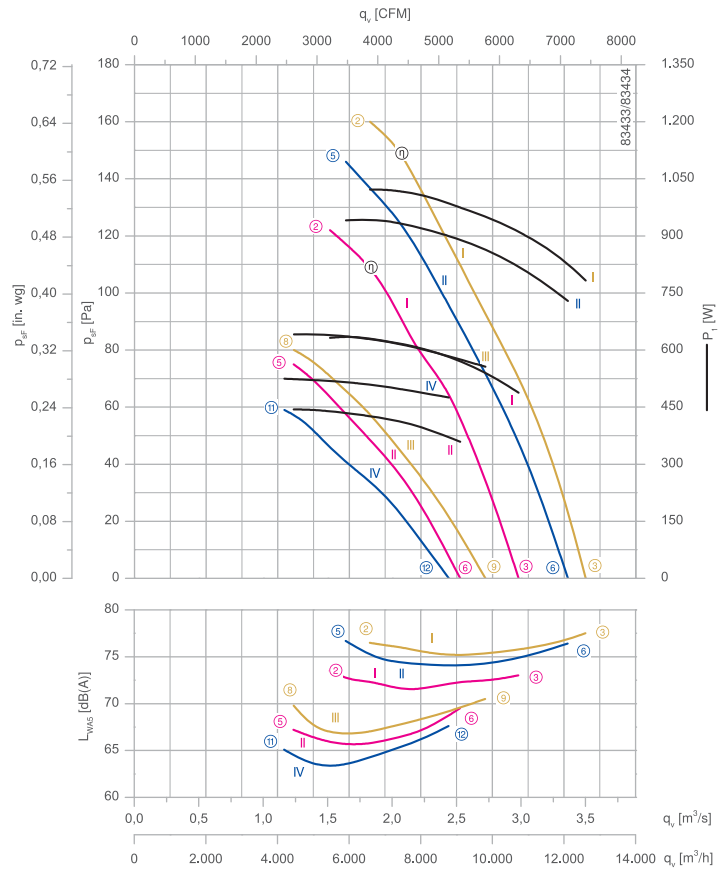
FN063-SD



### 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  $P_i$  :  
 630/440 W | 940/520 W | 1.00/0.64 kW\*  
 Rated current  $I_N$  :  
 1.25/0.72 A | 1.55/0.87 A | 1.55/0.91 A\*  
 Rated speed  $n_N$  :  
 900/720 min<sup>-1</sup> | 980/640 min<sup>-1</sup> | 1040/740 min<sup>-1</sup>\*  
 Speed n at  $p_{stat} = 0$  Pa:  
 930/790 min<sup>-1</sup> | 1050/760 min<sup>-1</sup> | 1090/850 min<sup>-1</sup>\*  
 Motor input power P at  $p_{stat} = 0$  Pa:  
 480/360 W | 720/470 W | 780/550 W\*  
 Air flow  $q_v$  at  $p_{stat} = 0$  Pa:  
 3.0/2.5 m<sup>3</sup>/s | 3.4/2.4 m<sup>3</sup>/s | 3.5/2.7 m<sup>3</sup>/s\*  
 Starting current  $I_s$ : 4.4/1.4 A | 4.0/1.3 A | 4.8/1.5 A  
 Current increase  $\Delta I$ : 0 % | 5 % | 5 %  
 Thermal class: THCL155\*  
 Min. permitted ambient temperature  $t_{R(min)}$ : -40 °C\*\*\*  
 Max. permitted ambient temperature  $t_{R(max)}$  :  
 70 °C | 50 °C | 50 °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  $\eta_{statA}$ : 33.8 %  
 Efficiency:  $N_{actual} = 41.5 / N_{target} = 40$ \*\*  
 \* 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.

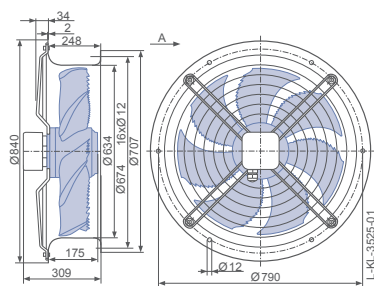
\*\*\* Continuous operation with occasional starts (S1) according to DIN EN 60034-1:2011-02. Occasional starting between -40 °C and -25 °C is permissible. Continuous operation below -25 °C only with special bearings for refrigeration applications on request.

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

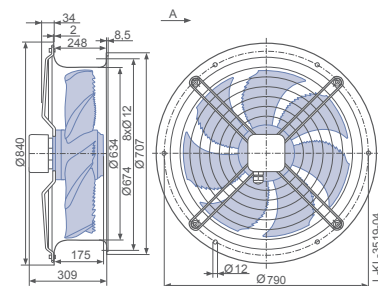
### Dimensions mm

#### 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 <sub>i</sub> W	n min <sup>-1</sup>	L <sub>WAS</sub> dB(A)	
FN063-SDL.4I.A7P1	Δ	I	400*	50	②	1.25*	640*	900*	74	
					③	1.10*	480*	930*	73	
		Y	II		⑤	0.72*	440*	720*	66	
					⑥	0.60*	360*	790*	70	
	Δ	I	460*	60	②	1.55*	1000*	1040*	77	
					③	1.25*	780*	1090*	78	
					II	⑤	1.55*	940*	980*	76
						⑥	1.25*	720*	1050*	76
		Y	III		460*	⑧	0.92*	640*	740*	67
						⑨	0.80*	560*	850*	71
			IV		400*	⑪	0.88*	520*	650*	64
						⑫	0.78*	480*	760*	68

\*rated data

## Fan ordering information

### Airflow direction A

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



Type FN063-SDL.4I.A7P1 FN063-SDL.4I.A7P1  
Article no. 154279/10K1 154279/10K3

Weight kg 26.50 28.70

## Control technology

Frequency inverters  
Fcontrol 3~



Page 208

Motor protection units  
3~



Page 206

Electronic voltage  
controllers 3~



Page 218

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## Besoin d'un prix ou d'un conseil technique ?

Ventilateur Ziehl Abegg FE2OWLET FN063 SD



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[www.motralec.com/.../ziehl-abegg](http://www.motralec.com/.../ziehl-abegg)

**DEMANDER UN PRIX >**