

**Fiche produit Motralec Ziehl Abegg Ffowlet FF091 6D - fiche technique | Motralec**

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

[www.motralec.com](http://www.motralec.com) / [service-commercial@motralec.com](mailto:service-commercial@motralec.com) / 01.39.97.65.10

# FFowlet

for three phase alternating current, 6 pole

FF091-6D



**Description**

Motor technology: AC  
 Rated voltage  $U_N$ : 3~230/400 V ( $\Delta/Y$ )  $\pm 10\%$ \*  
 Rated frequency  $f_N$ : 50 Hz\* (60Hz data available)  
 Input power  $P_i$ : 0.92 kW\*  
 Rated current  $I_N$ : 3.30/1.90 A\*  
 Rated speed  $n_N$ : 880 min<sup>-1</sup>\*  
 Starting current  $I_A$ : 10.00 / 6.00 A  
 Current increase  $\Delta I$ : 0 %  
 Thermal class: **THCL155\***  
 Min. permitted ambient temperature  $t_{R(min)}$ : -40 °C \*\*\*  
 Max. permitted ambient temperature  $t_{R(max)}$ : 70 °C  
 Electrical connection: Terminal box  
 Number of blades: 3  
 Degree of protection : IP54  
 Motor protection: thermal contact  
 Blades: Aluminium, 1 coat paint, jet black  
 Rotor: Aluminium, 1 coat paint, jet black  
 Conformity: ErP 2015, CE

**ErP-data**

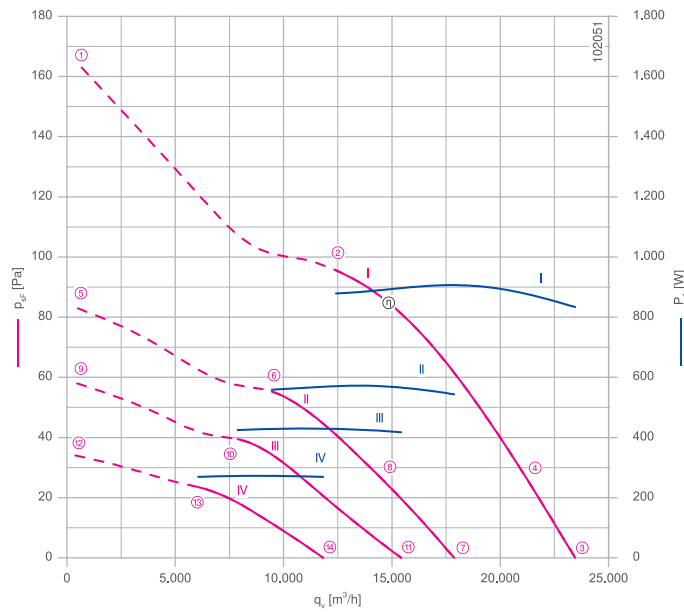
Efficiency  $\eta_{stat}$ : 40.3 %  
 Efficiency:  $N_{actual} = 46.9 / N_{target} = 40$ \*\*  
 \* Rated data  
 \*\*ErP 2015

\*\*\* 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 174  
 1360-106XB

System components Page 110

**Characteristic curve**

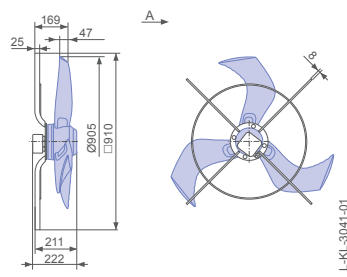


Measured in full bell mouth without guard grille in installation type A according to ISO 5801.

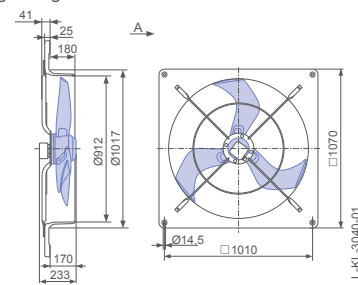
**Dimensions mm**

**Airflow direction A**

Design T - for installation in chimney exhausts, without guard grille

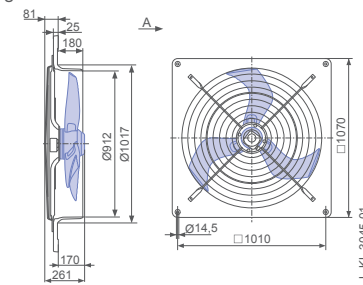


Design Q - square full bell mouth, without guard grille



Wall ring plate made of composite material

Design Q - square full bell mouth, guard grille suction side



Wall ring plate made of composite material

Type	Characteristic curve	Voltage	Operating point	Current	Input power	Speed	Acoustic pressure level 7m L <sub>pA</sub> dB(A)	Specific power P <sub>spez</sub> Wh/1000m <sup>3</sup>
		U V		I A	P <sub>1</sub> W	n min <sup>-1</sup>		
FF091-6D_6F_3P2	I	400	①	2.10	1050	860		
			②	1.85	880	890		71.5
			③	1.80	840	900	51	35.5
			④	1.90	880	890	50	42.3
	II	230	⑤	2.00	620	610		
			⑥	1.80	560	680		59.8
			⑦	1.75	540	690	45	30.4
			⑧	1.85	580	660	44	41.1
	III	190	⑨	1.80	440	510		
			⑩	1.70	420	570		54.1
			⑪	1.65	420	590	41	27.0
	IV	145	⑫	1.50	280	390		
			⑬	1.45	270	440		44.4
			⑭	1.45	270	460	35	22.7

## Fan ordering information

### Airflow direction A

Design T (without guard grille) Q (without guard grille) Q (guard grille suction side)



**Type** FF091-6DT.6F.A3P2 FF091-6DQ.6F.A3P2 FF091-6DQ.6F.A3P2  
**Article no.** 159993 159991 159992

Wall ring plate Weight kg 19.50 29.10 34.20  
 Supply temperature -10°C - max 40°C in design with wall ring plate made of composite material

## Control technology

Frequency inverters  
Fcontrol 3~



Page 144

Motor protection units  
3~



Page 154

Electronic voltage  
controllers 3~



Page 150

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

Ventilateur Ziehl-Abegg FF091



4,7/5 . +600 avis Google

- Devis rapide et conseil technique par nos spécialistes
- Plus de 200 000 références et 30 marques distribuées
- Vente, réparation, bobinage et SAV en atelier
- Livraison partout en France, accompagnement avant et après-vente

Voir la fiche technique sur notre site :

[www.motralec.com/.../ventilateur-ziehl-abegg-ff091](http://www.motralec.com/.../ventilateur-ziehl-abegg-ff091)

**DEMANDER UN PRIX >**