

Fiche produit Motralec Ziehl Abegg Ffowlet With Zaplus ZF091 6D - fiche technique | Motralec

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

www.motralec.com / service-commercial@motralec.com / 01.39.97.65.10

# FFowlet with ZApplus

for three phase alternating current, 6 pole

ZF091-6D



### 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  $P_i$ : 0.90 kW\*  
 Rated current  $I_N$ : 3.40/1.95 A\*  
 Rated speed  $n_N$ : 890 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  $\eta_{stat}$ : 42.6 %  
 Efficiency:  $N_{actual} = 49.3 / N_{target} = 40$ \*\*  
 \* 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.

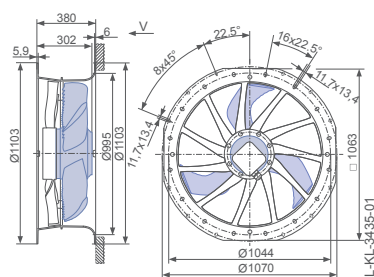
Connection diagram Page 174  
 1360-106XA

System components Page 110

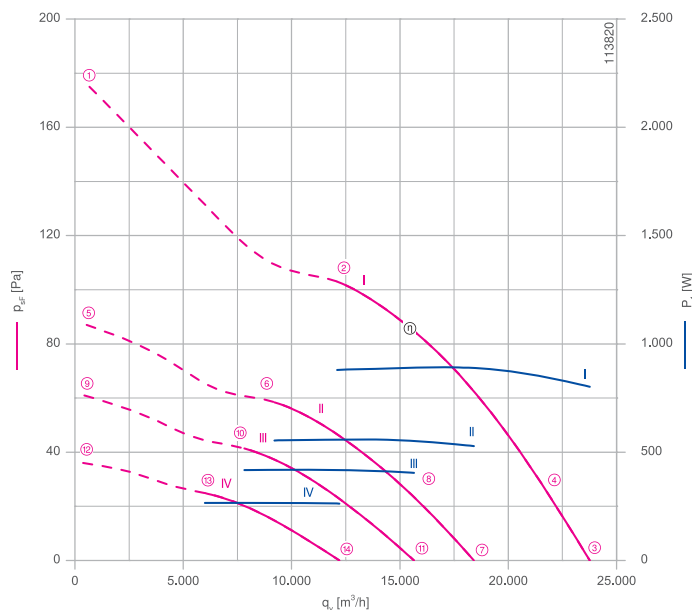
### Dimensions mm



Design L - ZApplus Ontop without guard grille



### Characteristic curve



Measured in ZApplus without guard grille in installation type A according to ISO 5801.

| Type            | Characteristic curve | Voltage | Operating point | Current | Input power         | Speed                  | Acoustic pressure level 7m | Specific power                             |
|-----------------|----------------------|---------|-----------------|---------|---------------------|------------------------|----------------------------|--|
|                 |                      | U<br>V  |                 | I<br>A  | P <sub>1</sub><br>W | n<br>min <sup>-1</sup> | L <sub>pA</sub><br>dB(A)   | P <sub>spez</sub><br>Wh/1000m <sup>3</sup> |
| ZF091-6D_6F_3P2 | I                    | 400     | ①               | 2.20    | 1100                | 850                    |                            |  |
|                 |                      |         | ②               | 1.90    | 880                 | 890                    |                            | 72.7                                       |
|                 |                      |         | ③               | 1.80    | 800                 | 900                    | 56                         | 33.8                                       |
|                 |                      |         | ④               | 1.90    | 860                 | 890                    | 55                         | 39.9                                       |
|                 | II                   | 230     | ⑤               | 2.00    | 600                 | 600                    |                            |  |
|                 |                      |         | ⑥               | 1.80    | 560                 | 670                    |                            | 60.7                                       |
|                 |                      |         | ⑦               | 1.75    | 520                 | 700                    | 49                         | 28.7                                       |
|                 |                      |         | ⑧               | 1.85    | 560                 | 670                    | 48                         | 37.8                                       |
|                 | III                  | 190     | ⑨               | 1.80    | 440                 | 500                    |                            |  |
|                 |                      |         | ⑩               | 1.70    | 420                 | 570                    |                            | 54.3                                       |
|                 |                      |         | ⑪               | 1.65    | 400                 | 600                    | 45                         | 25.9                                       |
|                 | IV                   | 145     | ⑫               | 1.50    | 270                 | 390                    |                            |  |
|                 |                      |         | ⑬               | 1.45    | 270                 | 440                    |                            | 44.7                                       |
|                 |                      |         | ⑭               | 1.40    | 260                 | 470                    | 39                         | 21.5                                       |

## Fan ordering information

Airflow direction V

Design L (without guard grille)  
Ontop



Type **ZF091-6DL.6F.V3P2**  
Article no. **169697**

Weight kg 31.20

## Control technology

Frequency inverters  
Fcontrol 3~



Page 144

Motor protection units  
3~



Page 154

Electronic voltage  
controllers 3~



Page 150

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



75

Fiche produit Motralec Ziehl Abegg Ffowlet With Zaplus ZF091 6D - fiche technique | Motralec

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

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

Ventilateur Ziehl Abegg FFWLET WITH ZAPLUS ZF091 6D



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 gamme Ziehl Abegg sur notre site :

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

**DEMANDER UN PRIX >**