

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

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

Low pressure fans Agriculture
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FFowlet

for single phase alternating current, 6 pole

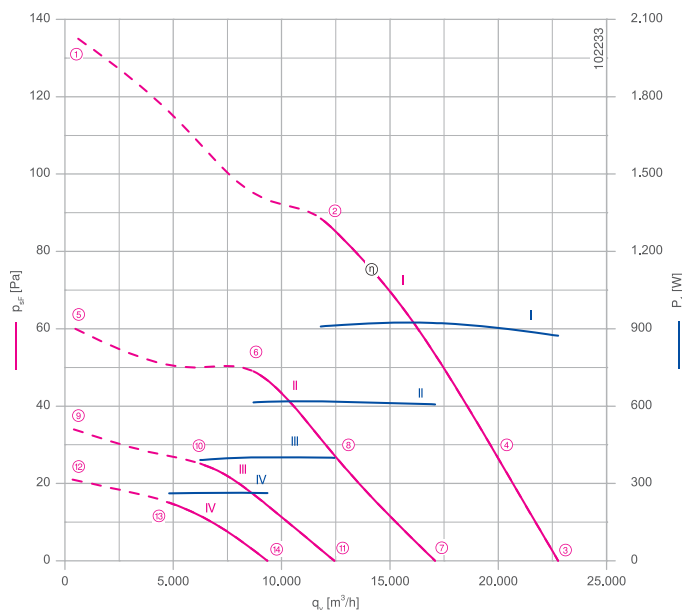
FF091-6E



Description

- Motor technology: AC
- Rated voltage U_N : 1~ 230 V±10 %*
- Rated frequency f_N : 50 Hz*
- Input power P_i : 0.94 kW*
- Rated current I_N : 4.20 A*
- Rated speed n_N : 840 min⁻¹*
- Current increase ΔI : 0 %
- Service capacitor C_{400V} : 20.0 μ F
- Thermal class: THCL155*
- Min. permitted ambient temperature $t_{R(min)}$: -25 °C
- Max. permitted ambient temperature $t_{R(max)}$: 55 °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 η_{sata} : 34.2 %
- Efficiency: $N_{actual} = 40.8 / N_{target} = 40$ **
- * Rated data
- **ErP 2015

Characteristic curve



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

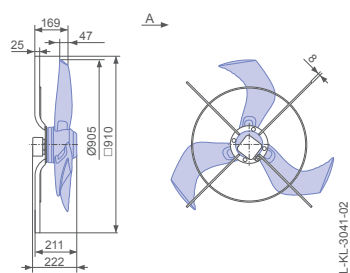
Connection diagram Page 174
1360-104XB

System components Page 110

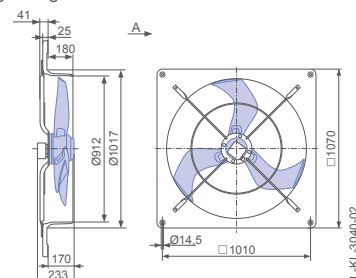
Dimensions mm

Airflow direction A

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

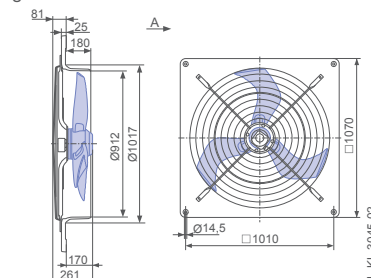


Design Q - square full bell mouth, without guard grille



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 U V | Operating point | Current | Input power | Speed | Acoustic pressure level 7m | Specific power |
|-----------------|----------------------|-------------------|-----------------|---------|---------------------|------------------------|----------------------------|--|
| | | | | I A | P ₁ W | n min ⁻¹ | L _{pA} dB(A) | P _{spez} Wh/1000m ³ |
| FF091-6E_6F_3P2 | I | 230 | ① | 4.60 | 1000 | 780 | | |
| | | | ② | 4.00 | 900 | 850 | | 77.8 |
| | | | ③ | 3.80 | 880 | 870 | 50 | 38.4 |
| | | | ④ | 4.00 | 900 | 840 | 49 | 46.4 |
| | II | 170 | ⑤ | 4.00 | 620 | 520 | | |
| | | | ⑥ | 3.80 | 620 | 630 | | 70.9 |
| | | | ⑦ | 3.80 | 600 | 650 | 44 | 35.5 |
| | | | ⑧ | 3.90 | 620 | 610 | 45 | 52.0 |
| | III | 135 | ⑨ | 3.30 | 390 | 390 | | |
| | | | ⑩ | 3.20 | 390 | 450 | | 63.0 |
| | | | ⑪ | 3.20 | 400 | 480 | 36 | 32.1 |
| | | | ⑫ | 2.70 | 260 | 310 | | 54.6 |
| | IV | 110 | ⑬ | 2.70 | 260 | 360 | | |
| | | | ⑭ | 2.70 | 260 | 370 | 31 | 28.1 |

Fan ordering information

Airflow direction A

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



Type FF091-6ET.6F.A3P2 FF091-6EQ.6F.A3P2 FF091-6EQ.6F.A3P2
Article no. 159998 159996 159997

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 1~



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Motor protection units
1~



Page 154

Electronic voltage
controllers 1~



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

Ventilateur Ziehl-Abegg FF091



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- 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

DEMANDER UN PRIX >