

Fiche produit Motralec Ziehl Abegg Ffowlet Ecblue FF050 - fiche technique | Motralec

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

Low pressure fans [www.motralec.com / service-commercial@motralec.com](http://www.motralec.com/service-commercial@motralec.com) / 01.39.97.65.10 Agriculture

FFowlet-ECblue

for single phase alternating current, 200-277 V

FF050



Description

Motor technology: EC
 Rated voltage U_N : 1~200-277 V*
 Rated frequency f_N : 50/60 Hz*
 Input power P_{sys} : 0.94 kW*
 Rated current I_N : 4.80- 3.50 A*
 Rated speed n_N : 1800 min⁻¹*
 Thermal class: THCL155*
 Min. permitted ambient temperature $t_{R(min)}$: -35 °C***
 Max. permitted ambient temperature $t_{R(max)}$: 60 °C
 Electrical connection: Integrated controller with attached cable
 Number of blades: 5
 Degree of protection : IP55
 Motor protection: Integrated active temperature management
 Blades: Aluminium, powder-coated, ultramarine blue
 Rotor: Aluminium, 1 coat paint, ultramarine blue
 Conformity: ErP 2015, CE, UL

ErP-data

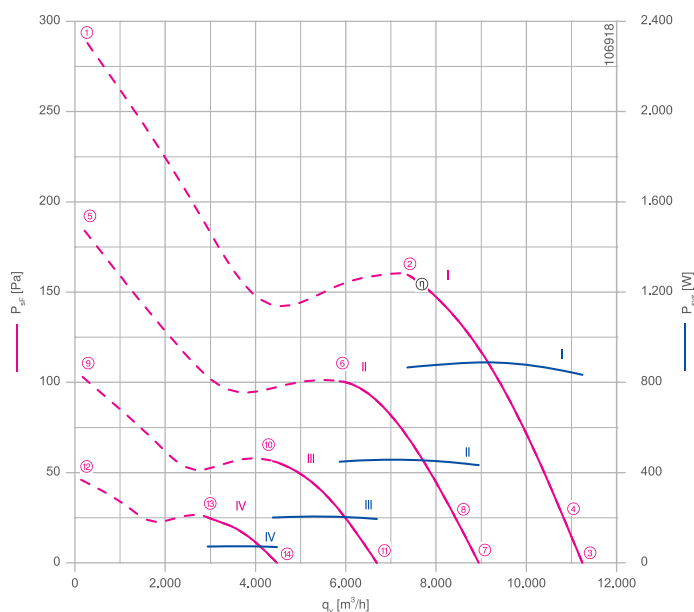
Efficiency η_{rated} : 41.7 %
 Efficiency: $N_{actual} = 48.3 / N_{target} = 40$ **
 EC controller integrated

* Rated data

**ErP 2015

*** Continuous operation with occasional starts (S1) according to DIN EN 60034-1:2011-02. Occasional starting between -35 °C and -25 °C is permissible. Continuous operation below -25 °C only with special bearings for refrigeration applications on request.

Characteristic curve



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

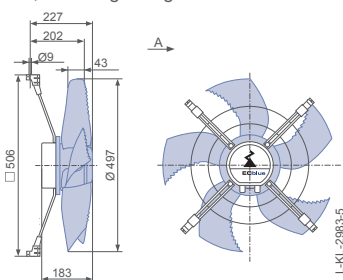
Connection diagram Page 173
 0-10 V 1360-389
 10-0 V

System components Page 110

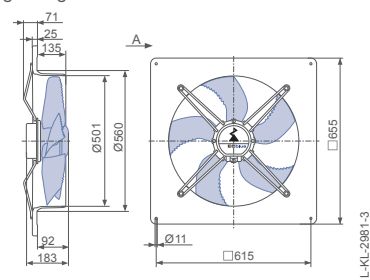
Dimensions mm

Airflow direction A

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

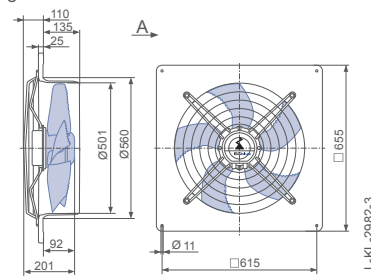


Design Q - square full bell mouth, without guard grille



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	Speed n min ⁻¹	Operating point	Current	Input power	Acoustic pressure level 7m	Specific power
				I A	P _{sys} W	L _{pA} dB(A)	P _{spez} Wh/1000m ³
FF050-ZI_DC_5P1	I	1800	①	4.80	1050		
			②	3.90	860		118.2
			③	3.70	840	55	74.2
			④	3.80	860	55	80.0
	II	1440	⑤	2.50	560		
			⑥	2.10	440		76.9
			⑦	2.00	440	49	48.4
			⑧	2.10	460	49	54.0
	III	1080	⑨	1.15	240		
			⑩	0.96	200		46.0
			⑪	0.94	190	44	29.0
			⑫	0.44	85		
	IV	720	⑬	0.40	70		
			⑭	0.40	70	36	24.7

Current values determined at 230V

Fan ordering information

Airflow direction A					
Design	T (without guard grille)	Q (without guard grille)	Q (guard grille suction side)	Q (without guard grille)	Q (guard grille suction side)
Type	FF050-ZIT.DC.A5P1	FF050-ZIQ.DC.A5P1	FF050-ZIQ.DC.A5P1	FF050-ZIQ.DC.A5P1	FF050-ZIQ.DC.A5P1
0-10 V					
Article no.	165232	165230	165231	167548	167550
10-0 V					
Article no.	165237	165235	165236	167549	167551
Wall ring plate	Wall ring plate made of composite material		Wall ring plate made of composite material	Wall ring plate made of galvanized sheet steel	Wall ring plate made of galvanized sheet steel
Weight kg	12.00	15.80	17.50	19.10	20.80
Supply temperature	-10°C - max 40°C in design with wall ring plate made of composite material				

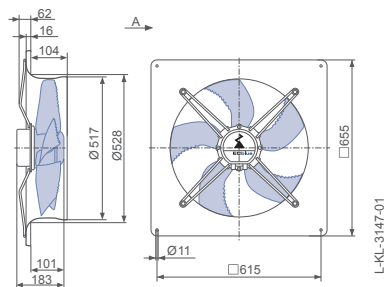
Control technology

Control module UNIcon Zenec switch

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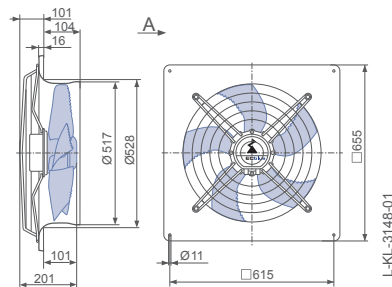
Design Q - square full bell mouth, without guard grille



Wall ring plate made of galvanized sheet steel

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



Wall ring plate made of galvanized sheet steel

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DEMANDER UN PRIX >