

FFowlet-ECblue

for single phase alternating current, 200-277 V

FF 0 7 1



Description

Motor technology: EC

Rated voltage U_N : 1~ 200-277 V*

Rated frequency f_N : 50/60 Hz*

Input power P_{sys} : 1.25 kW*

Rated current I_N : 6.20- 4.40 A*

Rated speed n_N : 1230 min⁻¹*

Thermal class: THCL155*

Min. permitted ambient temperature $t_{R(min)}$: -35 °C

Max. permitted ambient temperature $t_{R(max)}$: 50 °C

Electrical connection: Integrated controller with attached cable

Number of blades: 3

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_{statA} : 44.8 %

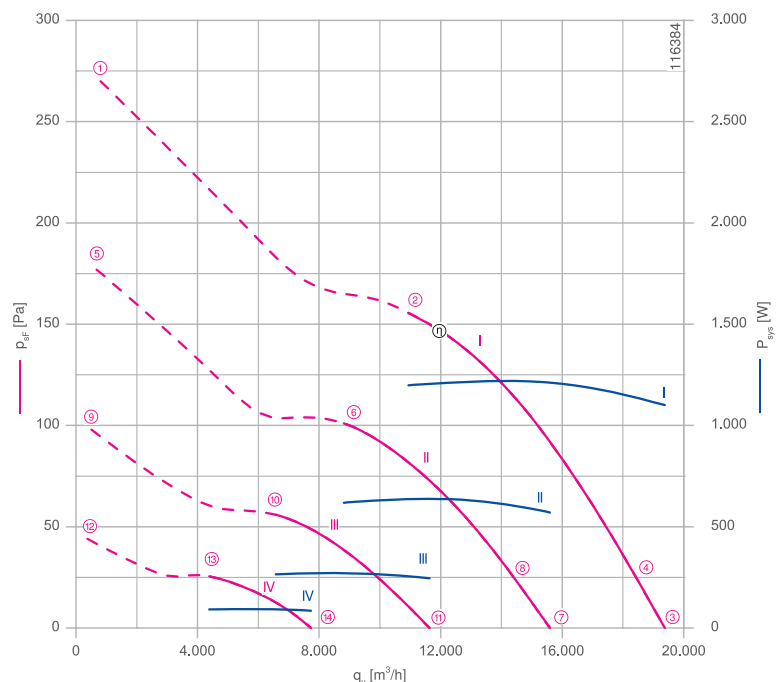
Efficiency: $N_{actual} = 50.6 / N_{target} = 40^{**}$

EC controller integrated

* 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 173

0-10 V 1360-389

10-0 V

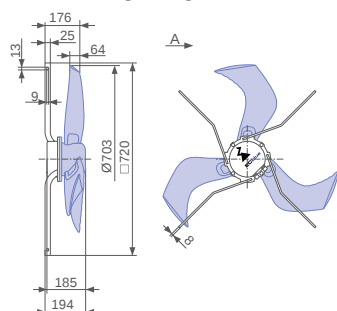
System components

Page 110

Dimensions mm

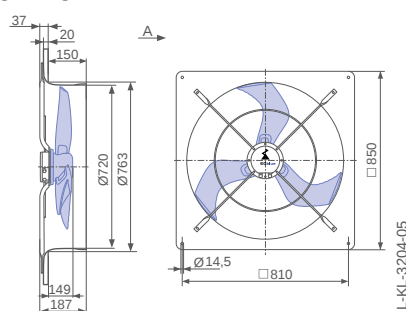
Airflow direction A

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



L-KL-3037-05

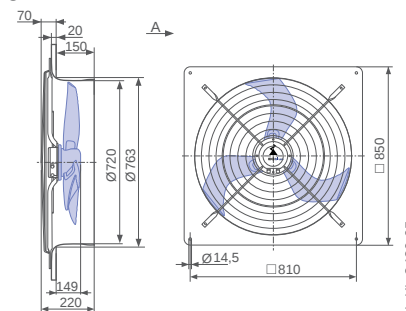
Design Q - square full bell mouth, without guard grille



L-KL-3204-05

Wall ring plate made of galvanized sheet steel

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



L-KL-3420-05

Wall ring plate made of galvanized sheet steel



Performance data

Type	Characteristic curve	Speed	Operating point	Current	Input power	Acoustic pressure level 7m	Specific power
		n min ⁻¹		I A	P _{sys} W	L _{pA} dB(A)	P _{spez} Wh/1000m³
FF071-ZI_DG_3P1	I	1220	①	6.40	1450		
			②	5.20	1200		110.1
			③	4.80	1100	55	56.8
			④	5.00	1150	56	63.0
	II	980	⑤	3.30	740		
			⑥	2.80	620		70.4
			⑦	2.50	580	51	36.6
			⑧	2.70	620	52	43.3
	III	730	⑨	1.45	320		
			⑩	1.20	270		40.7
			⑪	1.15	250	45	21.1
	IV	490	⑫	0.52	110		
			⑬	0.46	90		20.8
			⑭	0.44	85	38	11.0

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)
			
Type	FF071-ZIT.DG.A3P1	FF071-ZIQ.DG.A3P1	FF071-ZIQ.DG.A3P1
0-10 V			
Article no.	170306	170304	170305
10-0 V			
Article no.	170311	170309	170310
Wall ring plate		Wall ring plate made of galvanized sheet steel	Wall ring plate made of galvanized sheet steel
Weight kg	14.50	25.60	29.00

Control technology

Control module UNIcon Zenec switch	
	
Page 130	Page 158