

FFowlet-ECblue

for single phase alternating current, 200-277 V

FFO56



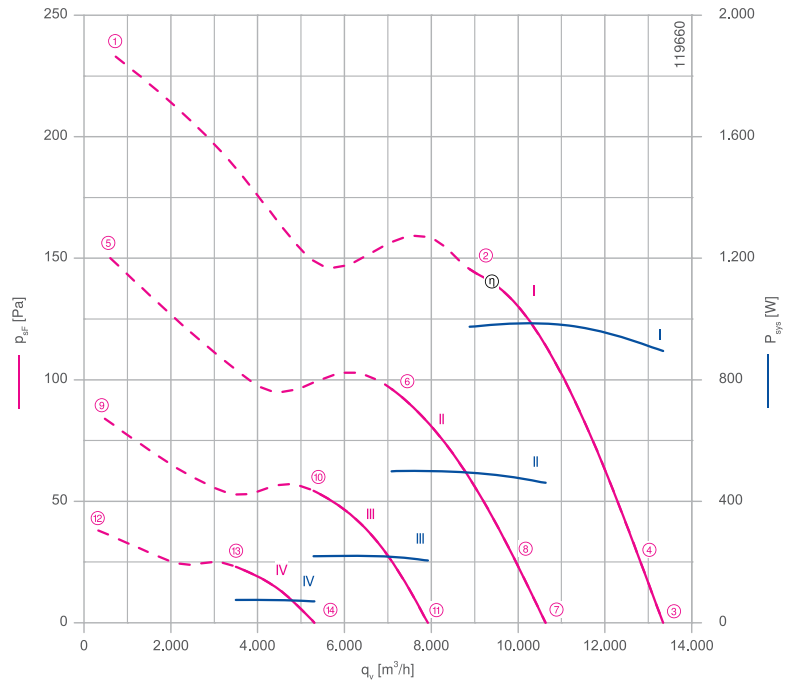
Description

Motor technology: EC
 Rated voltage U_N : 1~ 200-277 V*
 Rated frequency f_N : 50/60 Hz*
 Input power P_{sys} : 0.98 kW*
 Rated current I_N : 5.00- 3.60 A*
 Rated speed n_N : 1350 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: 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_{statA} : 41.6 %
 Efficiency: $N_{actual} = 48.0 / N_{target} = 40^{**}$
 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

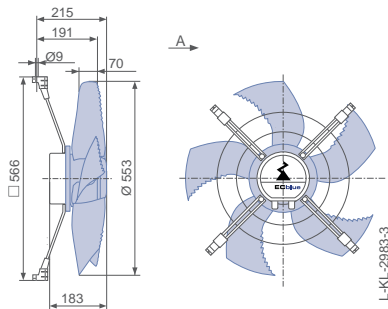
Connection diagram Page 173
 0-10 V 1360-389
 10-0 V

System components Page 110

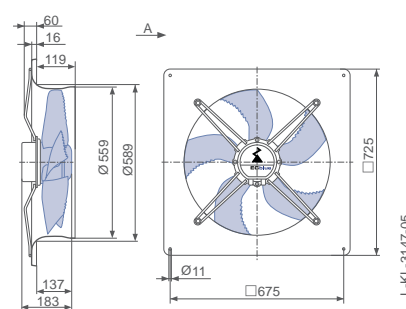
Dimensions mm

Airflow direction A

Design T - for installation in chimney ex-hausts, without guard grille

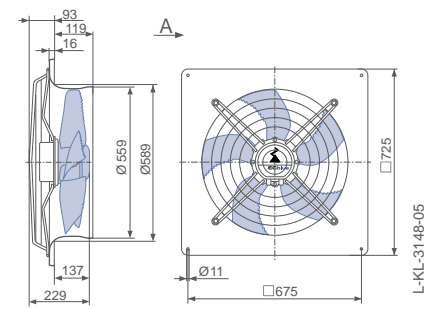


Design Q - square full bell mouth, without guard grille



Wall ring plate made of galvanized sheet steel

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



Wall ring plate made of galvanized sheet steel



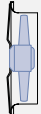


Performance data



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
FF056-ZI_DC_5P1	I	1350	①	5.00	1150		
			②	4.20	980		111.0
			③	3.90	900	52	67.0
			④	4.00	940	53	73.4
	II	1080	⑤	2.60	580		
			⑥	2.20	500		70.4
			⑦	2.10	460	48	43.3
			⑧	2.20	480	48	49.3
	III	810	⑨	1.15	250		
			⑩	1.00	220		41.2
			⑪	0.96	200	42	25.8
	IV	540	⑫	0.44	85		
			⑬	0.42	75		21.6
			⑭	0.40	70	34	13.3

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	FF056-ZIT.DC.A5P1	FF056-ZIQ.DC.A5P1	FF056-ZIQ.DC.A5P1
0-10 V	Article no. 171918	171916	171917
10-0 V	Article no. 171922	171920	171921
Wall ring plate		Wall ring plate made of galvanized sheet steel	Wall ring plate made of galvanized sheet steel
Weight kg	12.80	21.90	23.90

Control technology

Control module UNIcon Zenec switch	
	
Page 130	Page 158