

FFowlet

for three phase alternating current, 6 pole

FF 0 7 1 - 6 D



Description

Motor technology: AC

Rated voltage U_N : 3~230/400 V (Δ/Y) $\pm 10\%$ *

Rated frequency f_N : **50 Hz*** (60Hz data available)

Input power P_i : 0.60 kW*

Rated current I_N : 2.70/1.55 A*

Rated speed n_n : 940 min⁻¹*

Starting current I_s : 10.00 / 6.00 A

Starting current I_A : 10.00 / 6.00 A
Current increase ΔI : 0 %

Thermal class: **THCL155***

Min. permitted ambient temperature $t_{\text{a(min)}}$: -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

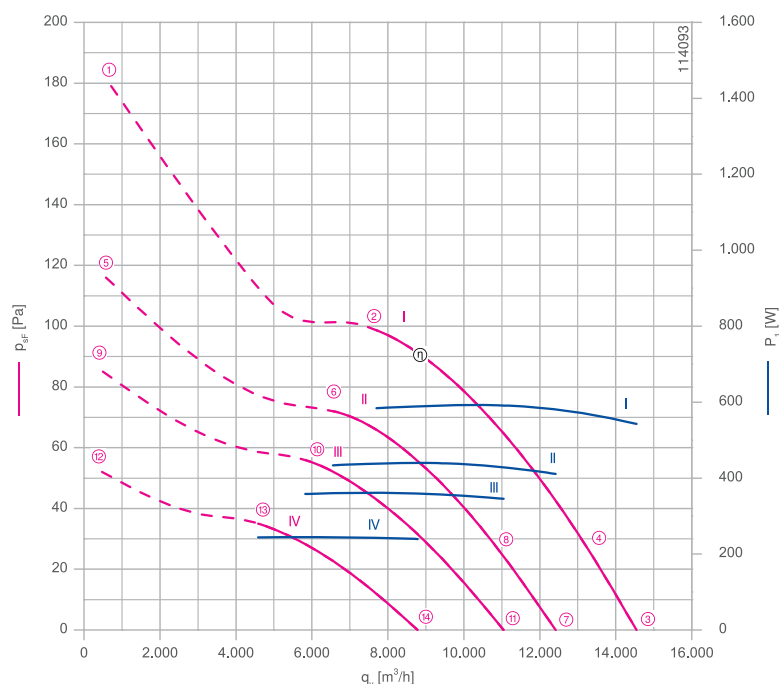
Efficiency η_{statA} : 38.4 %

Efficiency: $N_{\text{actual}} = 46.2 / N_{\text{target}} = 40^{**}$

* Rated data

**ErP 2015

Characteristic curve



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

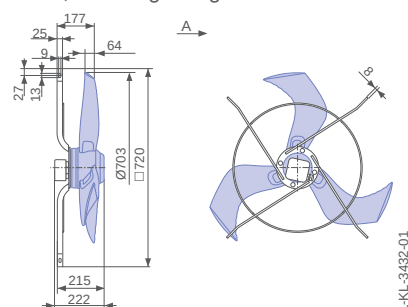
Connection diagram Page 174
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System components Page 110

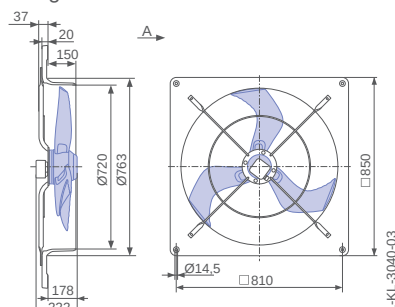
Dimensions mm

Airflow direction A

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

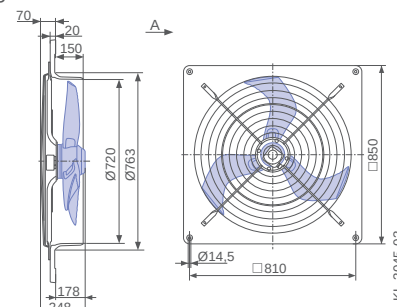


Design Q - square full bell mouth, without guard grille



Wall ring plate made of 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	Voltage	Operating point	Current	Input power	Speed	Acoustic pressure level 7m	Specific power
		U V		I A	P _i W	n min ⁻¹	L _{pA} dB(A)	P _{spez} Wh/1000m ³
FF071-6D_6F_3P2	I	400	①	1.70	720	920		
			②	1.55	580	940		76.4
			③	1.50	540	940	51	37.3
			④	1.55	580	940	49	43.8
	II	230	⑤	1.70	500	740		
			⑥	1.45	440	800		66.5
			⑦	1.35	420	820	47	33.1
			⑧	1.45	440	800	46	40.3
	III	190	⑨	1.65	390	630		
			⑩	1.45	360	710		62.1
			⑪	1.40	350	730	45	31.3
	IV	145	⑫	1.40	250	490		
			⑬	1.35	240	560		53.5
			⑭	1.30	240	580	40	27.3

Fan ordering information

Airflow direction A			
Design	T (without guard grille)	Q (without guard grille)	Q (guard grille suction side)
			
Type	FF071-6DT.6F.A3P2	FF071-6DQ.6F.A3P2	FF071-6DQ.6F.A3P2
Article no.	169735	169731	169734
Wall ring plate		Wall ring plate made of galvanized sheet steel	Wall ring plate made of galvanized sheet steel
Weight kg	17.90	29.30	32.80

Control technology

Frequency inverters Fcontrol 3~	Motor protection units 3~	Electronic voltage controllers 3~
		
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