

FE2owlet-ECQ

for single phase alternating current, 100-134 V

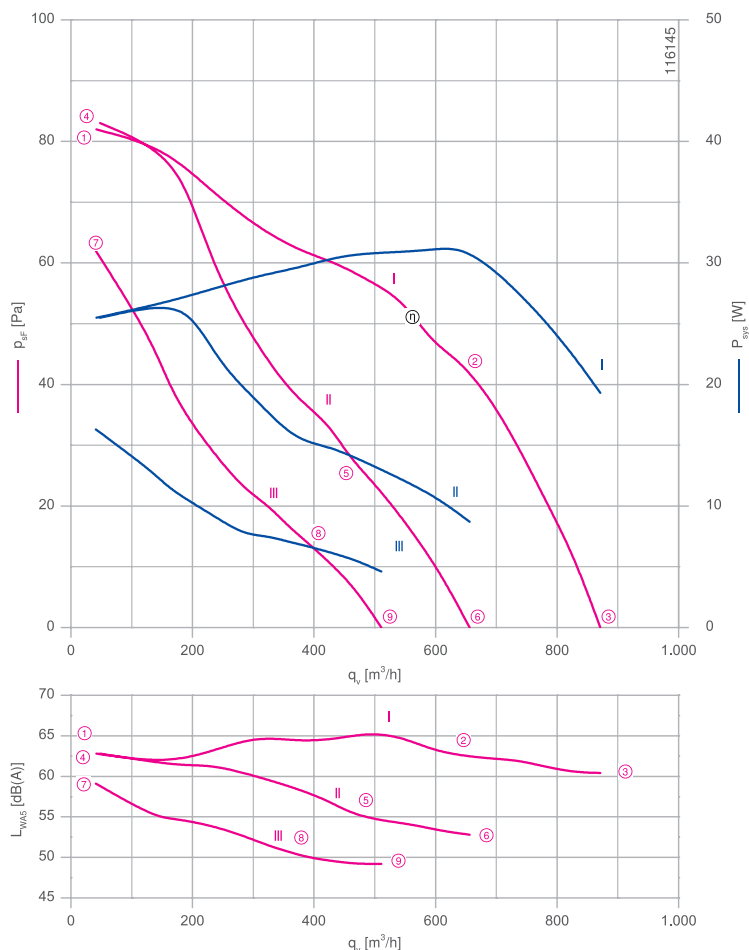
FN025



Description

Motor technology: EC
Rated voltage U: 1~ 100-134 V*
Rated frequency f: 50/60 Hz*
Motor input power P_{sys} : 32 W*
Rated current I: 0.44- 0.33 A*
Rated speed n_{max} : 1750 min⁻¹*
Thermal class: THCL130*
Min. permitted ambient temperature $t_{\text{R(min)}}$: -40 °C
Max. permitted ambient temperature $t_{\text{R(max)}}$: 50 °C
Electrical connection: Integrated controller with attached cable
Number of blades: 5
Protection class: IP55
Blades: High Performance Composite Material, uncoated, black
Conformity: CE, UL
ErP-data
Not subject to the regulations of ErP directive ($P_1 < 125$ W)
* Rated data

Characteristic curve



Measured with inlet ring, without guard grille in installation typet A according to ISO 5801

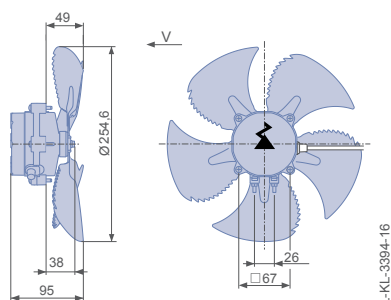
Connection diagram

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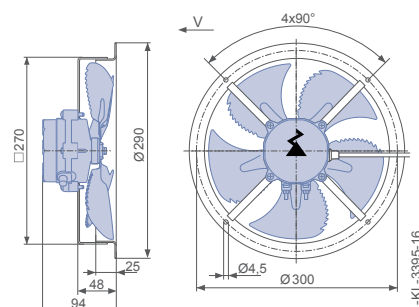
Dimensions mm

Airflow direction V

Design A - without mounting



Design E - round short bell mouth, without guard grille



Performance data

Type	Characteristic curve	Speed	Operating point	Current	Motor input power	Suction side sound power level
		n min ⁻¹		I A	P _{sys} W	L _{WAS} dB(A)
FN025-4Q_UA_5P3	I	1750	①	0.32	26	63
			②	0.38	32	63
			③	0.24	19	60
	II	1300	④	0.32	26	63
			⑤	0.17	14	55
			⑥	0.12	9	53
	III	1000	⑦	0.21	16	59
			⑧	0.09	7	50
			⑨	0.07	5	49

Current values determined at 115V

Intelligent motor electronics limit the power consumption in operating point ① and ② ,where the full nominal speed is not reached.

Fan ordering information

Airflow direction V		
Design	A	E (without guard grille)
		
Type	FN025-4QA.UA.V5P3	FN025-4QE.UA.V5P3
Article no.	169788	169779
Weight kg	0.71	1.05

Control technology

Motor Programmer



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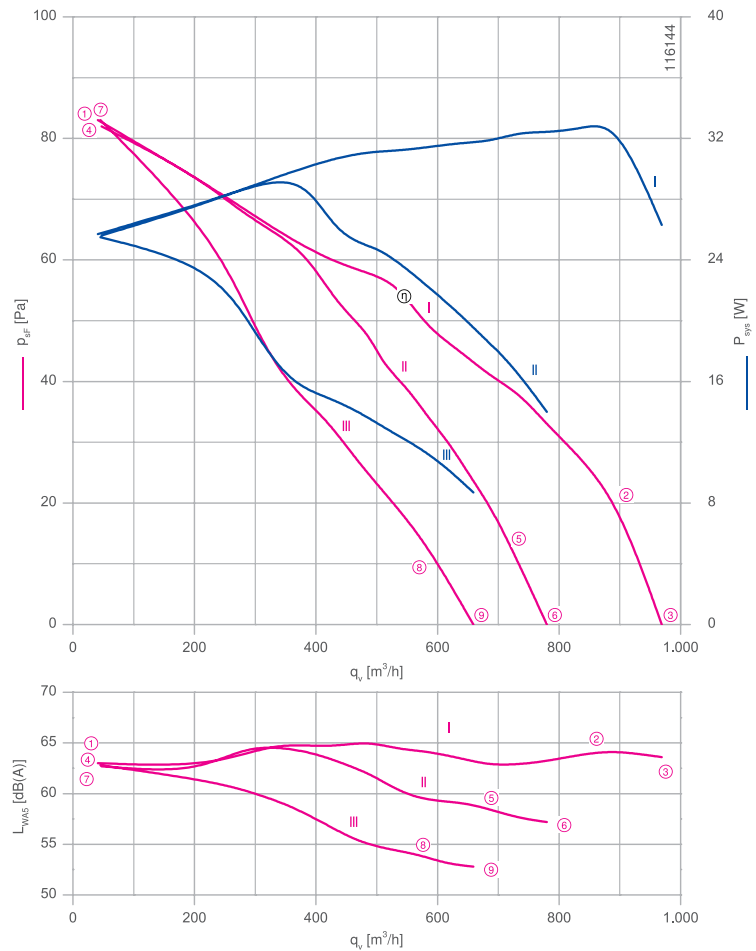
FN025



Description

Motor technology: EC
Rated voltage U: 1~ 100-134 V*
Rated frequency f: 50/60 Hz*
Motor input power P_{sys} : 34 W*
Rated current I: 0.46- 0.34 A*
Rated speed n_{max} : 1950 min⁻¹*
Thermal class: THCL130*
Min. permitted ambient temperature $t_{\text{R(min)}}$: -40 °C
Max. permitted ambient temperature $t_{\text{R(max)}}$: 50 °C
Electrical connection: Integrated controller with attached cable
Number of blades: 5
Protection class: IP55
Blades: High Performance Composite Material, uncoated, black
Conformity: CE, UL
ErP-data
Not subject to the regulations of ErP directive ($P_1 < 125 \text{ W}$)
* Rated data

Characteristic curve



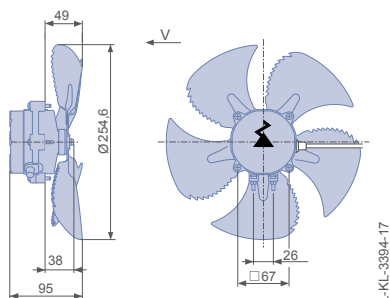
Connection diagram

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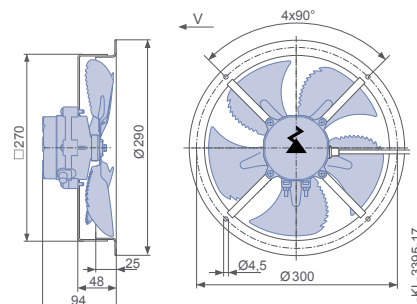
Dimensions mm

Airflow direction V

Design A - without mounting



Design E - round short bell mouth, without guard grille



Performance data

Type	Characteristic curve	Speed	Operating point	Current	Motor input power	Suction side sound power level
		n min ⁻¹		I A	P _{sys} W	L _{WA5} dB(A)
FN025-4Q_UA_5P3	I	1950	①	0.32	26	63
			②	0.40	34	64
			③	0.32	26	64
	II	1550	④	0.32	26	63
			⑤	0.22	17	58
			⑥	0.18	14	57
	III	1300	⑦	0.32	26	63
			⑧	0.14	11	53
			⑨	0.12	9	53

Current values determined at 115V

Intelligent motor electronics limit the power consumption in operating point ① and ② ,where the full nominal speed is not reached.

Fan ordering information

Airflow direction V		
Design	A	E (without guard grille)
		
Type	FN025-4QA.UA.V5P3	FN025-4QE.UA.V5P3
Article no.	169789	169780
Weight kg	0.71	1.05

Control technology

Motor Programmer



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