

FE2owlet-ECQ

for single phase alternating current, 100-134 V

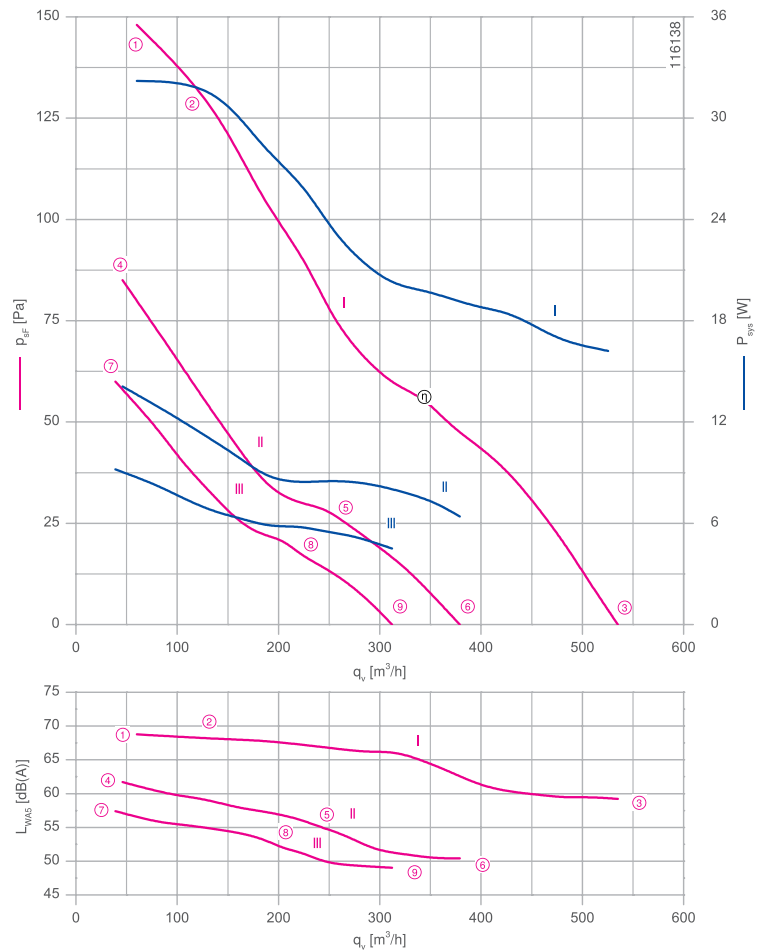
FNO20



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- 0.34 A*
Rated speed n_{max} : 2200 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

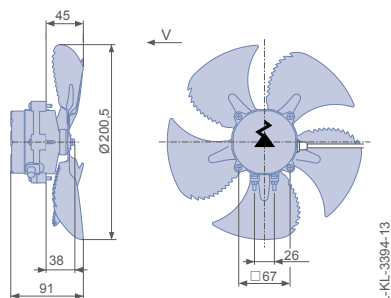
Connection diagram

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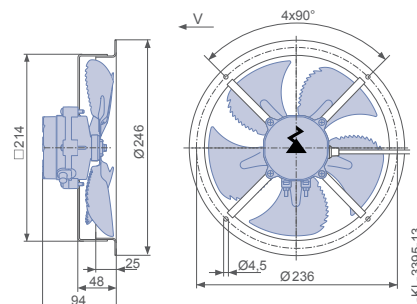
Dimensions mm

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)
FN020-4Q_UA_5P3	I	2200	①	0.39	32	69
			②	0.39	32	68
			③	0.20	16	59
	II	1550	④	0.18	14	62
			⑤	0.11	9	55
			⑥	0.09	6	50
	III	1300	⑦	0.12	9	57
			⑧	0.08	6	52
			⑨	0.06	5	49

Current values determined at 115V

Fan ordering information

Airflow direction V		
Design	A	E (without guard grille)
		
Type	FN020-4QA.UA.V5P3	FN020-4QE.UA.V5P3
Article no.	169785	169776
Weight kg	0.67	0.95

Control technology

Motor Programmer



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FE2owlet-ECQ

for single phase alternating current, 100-134 V

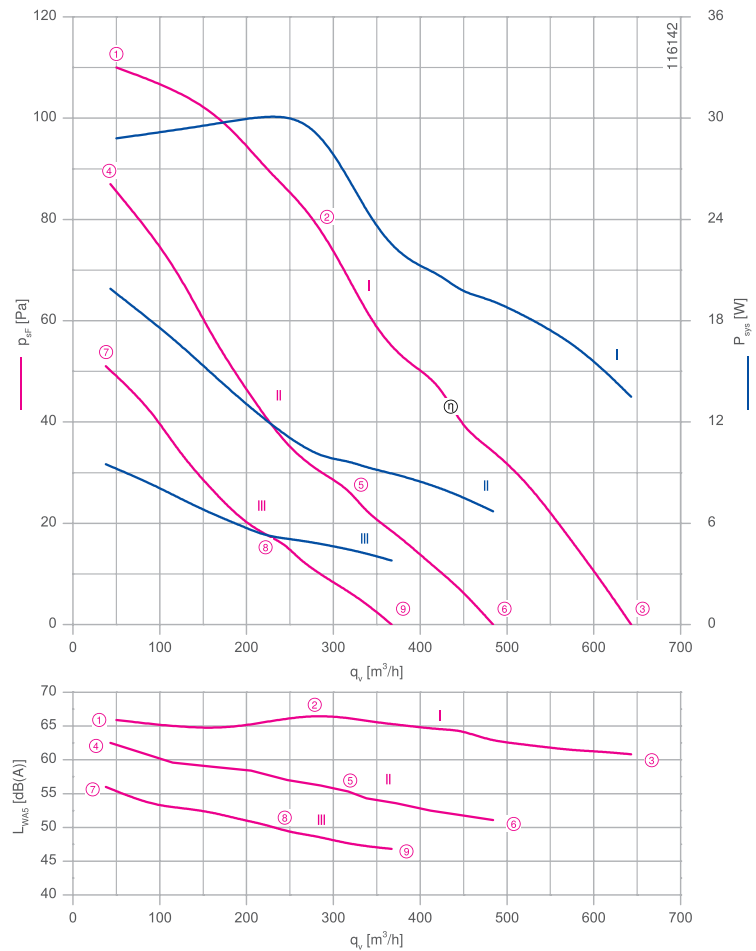
FN023



Description

Motor technology: EC
Rated voltage U: 1~ 100-134 V*
Rated frequency f: 50/60 Hz*
Motor input power P_{sys} : 30 W*
Rated current I: 0.42-0.31 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

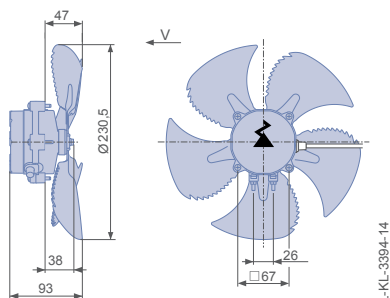
Connection diagram

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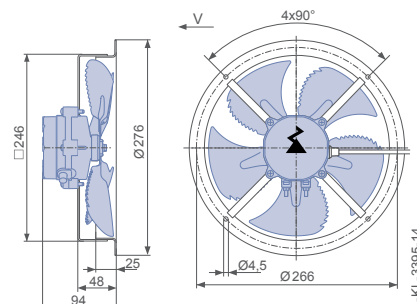
Dimensions mm

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 _{WA5} dB(A)
FN023-4Q_UA_5P3	I	1750	①	0.35	28	66
			②	0.36	30	67
			③	0.17	14	61
	II	1300	④	0.25	20	62
			⑤	0.13	10	55
			⑥	0.09	7	51
	III	1000	⑦	0.13	10	56
			⑧	0.07	5	50
			⑨	0.05	4	47

Current values determined at 115V

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

Fan ordering information

Airflow direction V		
Design	A	E (without guard grille)
		
Type	FN023-4QA.UA.V5P3	FN023-4QE.UA.V5P3
Article no.	169786	169777
Weight kg	0.69	1.01

Control technology

Motor Programmer



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