

FE2owlet-ECQ

for single phase alternating current, 200-264 V

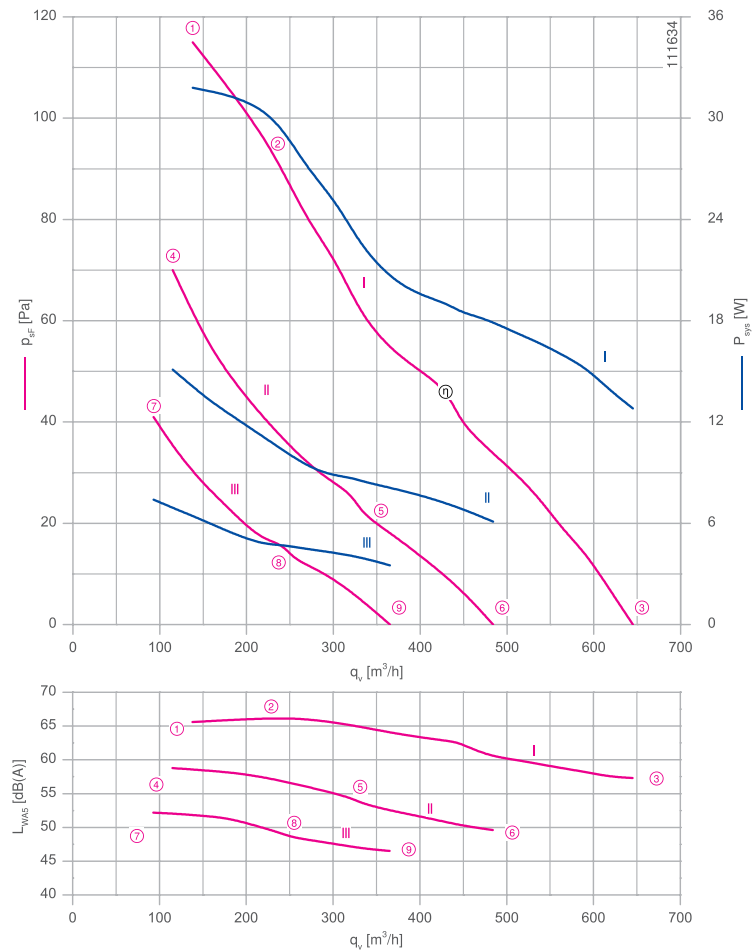
FN023



Description

Motor technology: EC
Rated voltage U: 1~ 200-264 V*
Rated frequency f: 50/60 Hz*
Motor input power P_{sys} : 0,03 kW*
Rated current I: 0,34- 0,26 A*
Rated speed n_{max} : 1750 Min⁻¹*
Thermal class: THCL130*
Min. permitted conveyor temperature $t_{\text{R(min)}}$: -40 °C
Max. permitted conveyor 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



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

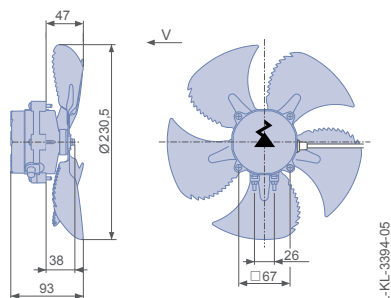
Connection diagram

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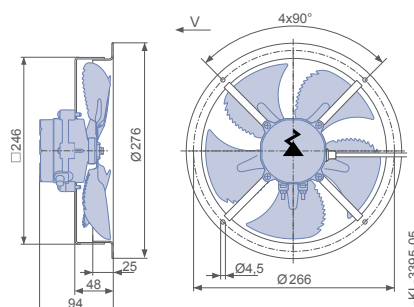
Dimensions mm

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)
FN023-4Q_UA.V5P3	I	1750	①	0.30	32	66
			②	0.29	30	66
			③	0.14	13	57
	II	1300	④	0.17	15	60
			⑤	0.10	9	54
			⑥	0.07	6	50
	III	1000	⑦	0.08	7	52
			⑧	0.05	5	48
			⑨	0.04	4	47

Current values determined at 230V

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.	167993	151824
Weight kg	0.69	1.01

Control technology

Motor Programmer



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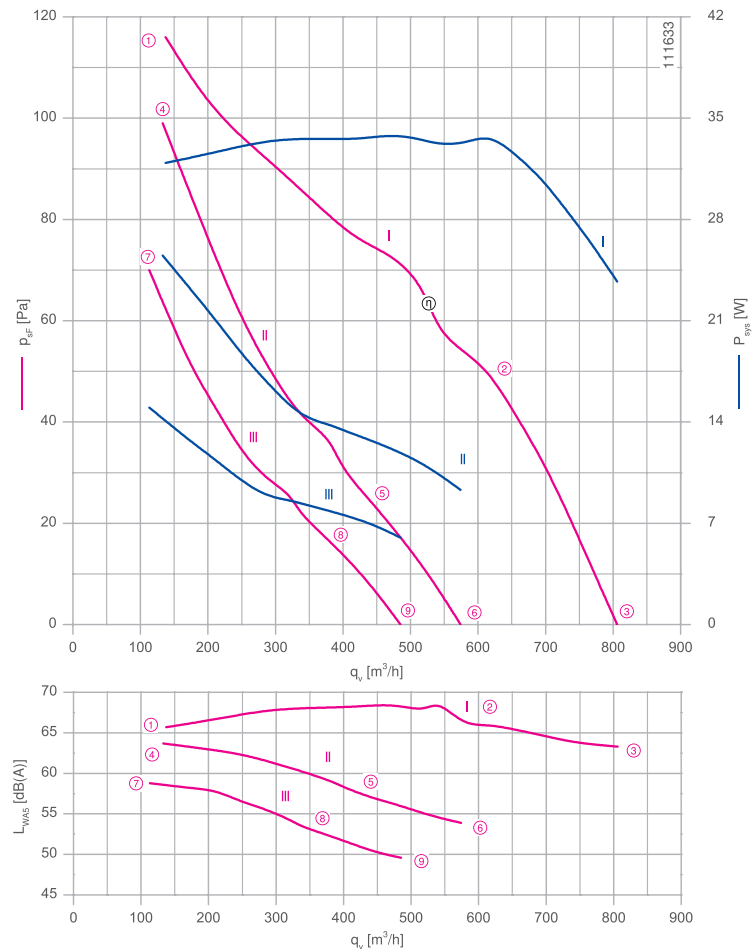
FN023



Description

Motor technology: EC
Rated voltage U: 1~ 200-264 V*
Rated frequency f: 50/60 Hz*
Motor input power P_{sys} : 0,034 kW*
Rated current I: 0,36- 0,27 A*
Rated speed n_{max} : 2200 Min⁻¹*
Thermal class: THCL130*
Min. permitted conveyor temperature $t_{\text{R(min)}}$: -40 °C
Max. permitted conveyor 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



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

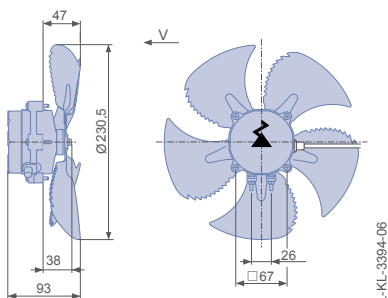
Connection diagram

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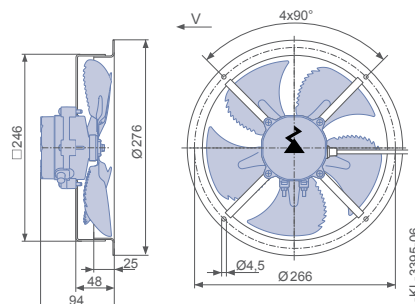
Dimensions mm

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)
FN023-4Q_UA.V5P3	I	2200	①	0.30	32	66
			②	0.31	34	66
			③	0.24	24	63
	II	1550	④	0.25	26	64
			⑤	0.15	13	57
			⑥	0.11	9	54
	III	1300	⑦	0.16	15	60
			⑧	0.09	8	53
			⑨	0.07	6	50

Current values determined at 230V

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	FN023-4QA.UA.V5P3	FN023-4QE.UA.V5P3
Article no.	167994	151825
Weight kg	0.69	1.01

Control technology

Motor Programmer



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