

FE2owlet-ECQ

for single phase alternating current, 100-134 V

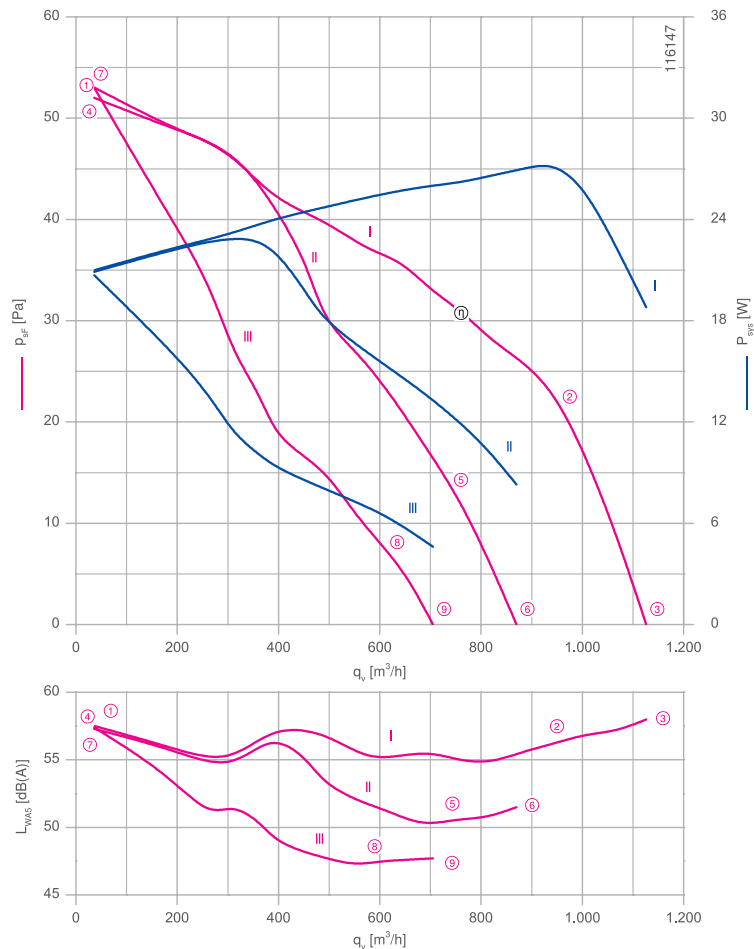
FNO30



Description

Motor technology: EC
Rated voltage U: 1~ 100-134 V*
Rated frequency f: 50/60 Hz*
Motor input power P_{sys} : 28 W*
Rated current I: 0.39- 0.29 A*
Rated speed n_{max} : 1300 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



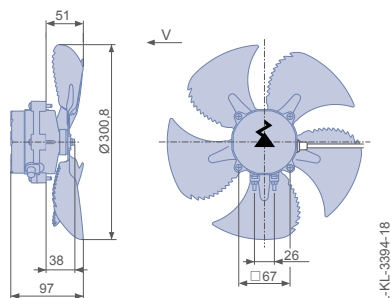
Connection diagram

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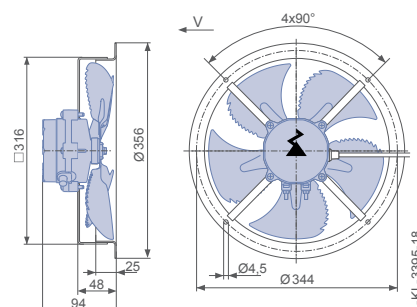
Dimensions mm

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 _{WAS} dB(A)
FN030-4Q_UA_5P3	I	1300	①	0.27	22	57
			②	0.34	28	56
			③	0.24	19	58
	II	1000	④	0.27	20	57
			⑤	0.16	13	51
			⑥	0.11	8	52
	III	800	⑦	0.27	20	57
			⑧	0.09	7	47
			⑨	0.07	5	48

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	FN030-4QA.UA.V5P3	FN030-4QE.UA.V5P3
Article no.	169790	169781
Weight kg	0.74	1.19

Control technology

Motor Programmer



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