

# FE2owlet-ECblue

for single phase alternating current, 200-277 V

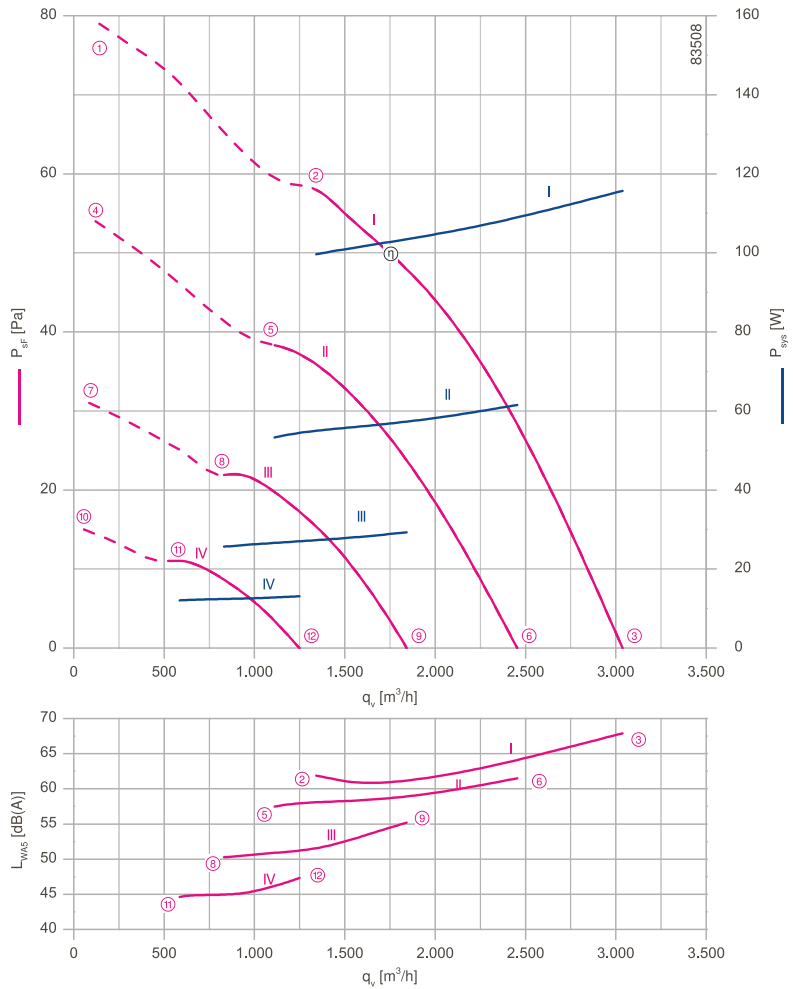
FN035



## Description

Motor technology: EC  
 Rated voltage U: 1~ 200-277 V\*  
 Rated frequency f: 50/60 Hz\*  
 Motor input power  $P_{sys}$ : 0.12 kW\*  
 Rated current I: 0.90- 0.65 A\*  
 Rated speed  $n_{max}$ : 1290 min<sup>-1</sup>\*  
 Thermal class: THCL155\*  
 Min. permitted conveyor temperature  $t_{R(min)}$ : -25 °C  
 Max. permitted conveyor temperature  $t_{R(max)}$ : 60 °C  
 Electrical connection: Integrated controller with attached cable  
 Number of blades: 7  
 Protection class: IP44  
 Motor protection: Integrated active temperature management  
 Blades: High Performance Composite Material, uncoated, black  
 Rotor: Steel, 1 coat paint, Ultramarine blue  
 Conformity: CE  
**ErP Data**  
 Is not subject to the ErP Guidelines ( $P_i < 125$  W)  
 \* Rated data

## Characteristic curve



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

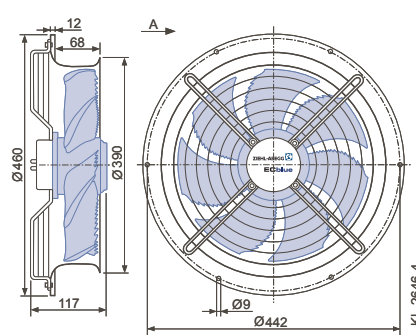
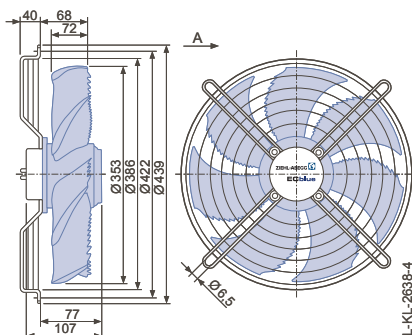
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## Dimensions [mm]

Airflow direction A

Design D - axial bolted, suspension for full bell mouth Q and L

Design L - round, full bell mouth








Performance data

Type	Characteristic curve	Torque	Operating point	Current	Motor input power	Suction side sound power level
		%		I [A]	P <sub>sys</sub> [W]	L <sub>WA5</sub> [dB]
FN035-6I_0E_7	I	100	①	0.66	95	
		100	②	0.68	100	62
		100	③	0.78	120	68
	II	80	④	0.37	50	
		80	⑤	0.39	55	58
		80	⑥	0.44	60	62
	III	60	⑦	0.20	24	
		60	⑧	0.21	26	50
		60	⑨	0.24	30	55
	IV	40	⑩	0.12	12	
		40	⑪	0.13	12	45
		40	⑫	0.13	13	47

Current values determined at 230V

Fan ordering information

Airflow direction A		Airflow direction V			
Design	D	L	K	H	I
					
Type	FN035-6ID.0E.A7	FN035-6IL.0E.A7	FN035-6IK.0E.V7	FN035-6IH.0E.V7	FN035-6II.0E.V7
Article no.	140032	140036	140052	140048	140044
Weight [kg]	4.40	6.40	4.80	6.40	4.40

Control technology

Control module



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Airflow direction V

Design K - axial bolted, mounted for short bell mouth E

Design H - pipe sockets with a flange

Design I - axial bolted, mounting for bell mouth flange for pipe socket H or full bell mouth Q or L

