



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⁻¹*

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

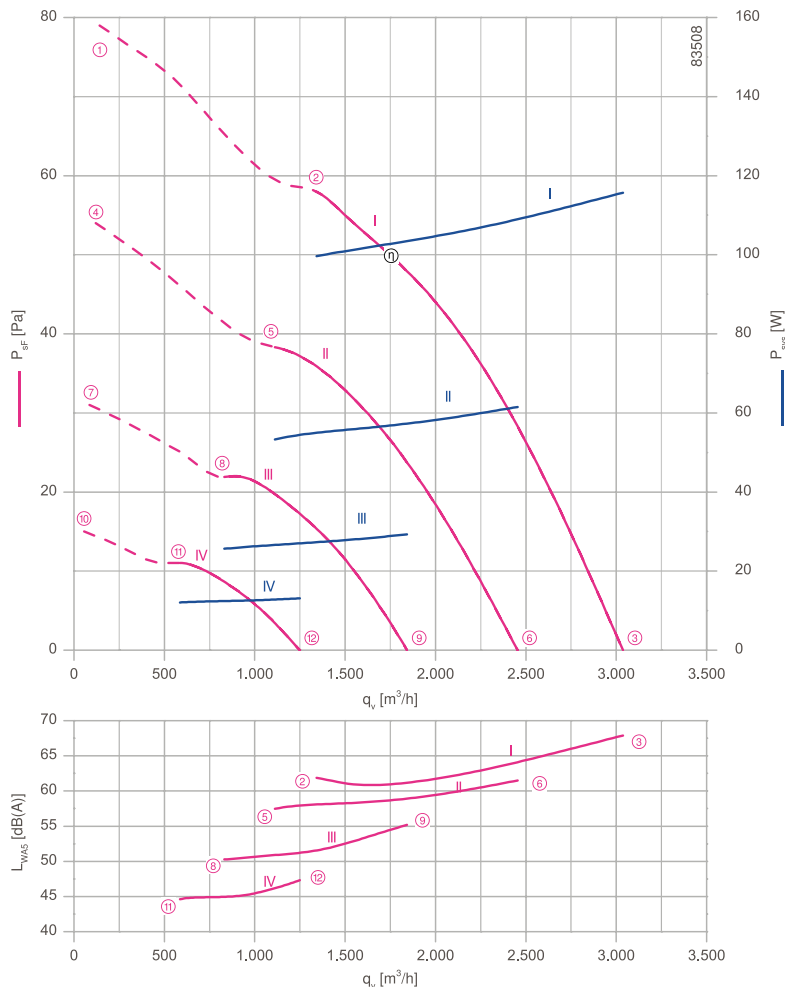
Conformity: CE

ErP Data

Is not subject to the ErP Guidelines ($P_1 < 125$ W)

* Rated data

Characteristic curve



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

Connection diagram KT00036A Page 606

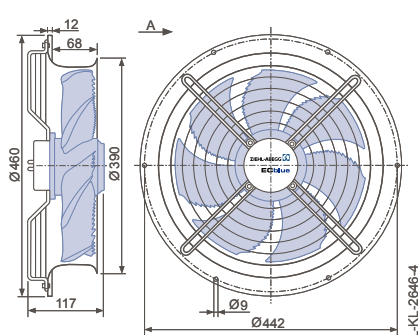
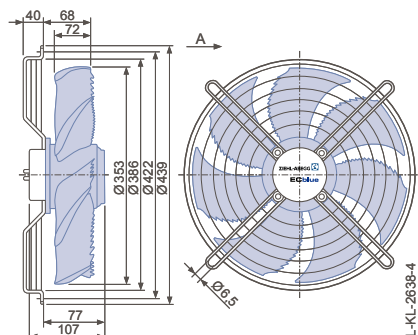
System components Page 524

Dimensions [mm]

Airflow direction A

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

Design L - round, full bell mouth



		%		I [A]	P _{sys} [W]	power level L _{WAS} [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

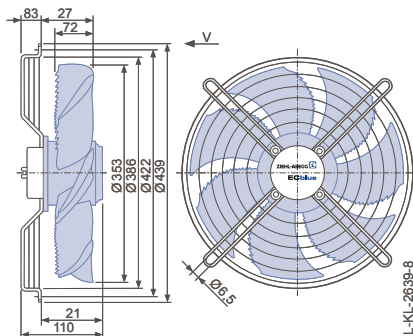
Control module



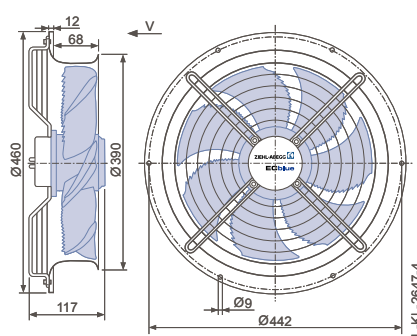
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Airflow direction V

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

