



Description

Motor technology: AC
 Rated voltage U_N : 1~ 230 V $\pm$ 10 %*
 Rated frequency f_N : 50 Hz*
 Motor input power P_1 : 0.21 kW*
 Rated current I_N : 0.95 A*
 Rated speed n_N : 850 min⁻¹*
 Starting current I_A : 1.70 A
 Current increase ΔI : 5 %
 Service capacitor C_{400V} : 5.0 μ F
 Thermal class: **THCL155***
 Min. permitted conveyor temperature $t_{R(min)}$: -25 °C
 Max. permitted conveyor temperature $t_{R(max)}$: 70 °C
 Electrical connection: Terminal box
 Number of blades: 4
 Protection class: IP54
 Motor protection: Thermal contact
 Blades: Aluminium, uncoated
 Rotor: Aluminium, uncoated
 Conformity: ErP 2013, CE

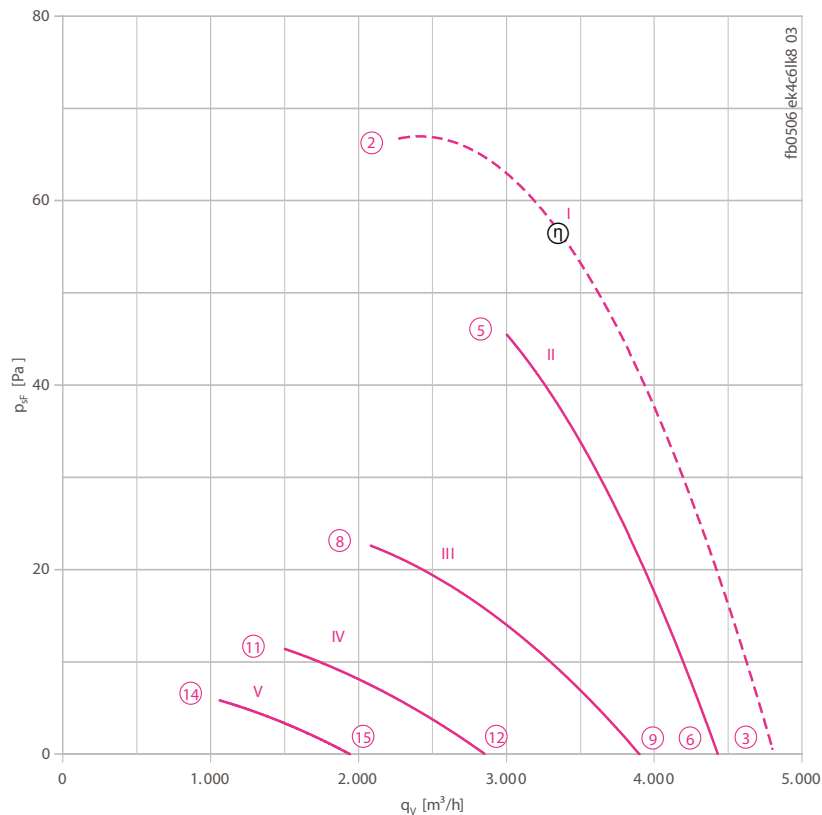
ErP Data

Efficiency η_{statA} : 25.9 %
 Efficiency: $N_{actual} = 37.0 / N_{target} = 36$ **

* Rated data

**ErP 2013

Characteristic curve



I) Measured in full bell mouth without guard grille in installation type A according to ISO 5801.
 II-x) Measured in short-bell mouth with compressed side contact protection.

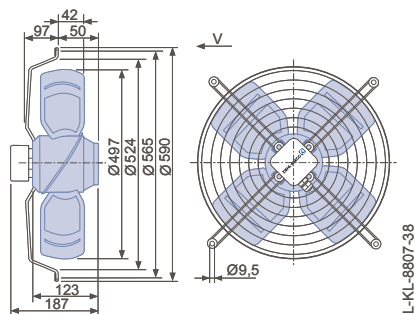
➤ Connection diagram 1360-104XA Page 608

➤ System components Page 524

Dimensions [mm]

Airflow direction V

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



	curve	U [V]		I [A]	power P ₁ [W]	n [min ⁻¹]	sound power level L _{WAS} [dB]
FB050-6E_4C.V4L	I	230*	②	0.96*	200*	820*	
		230	③	0.77	160	900	64
	II	230	⑤	0.83	175	880	66
		230	⑥	0.71	145	920	65
	III	160	⑧	0.85	125	630	56
		160	⑨	0.69	105	800	62
	IV	130	⑪	0.76	85	420	57
		130	⑫	0.71	82	590	56
	V	105	⑭	0.62	56	320	
		105	⑮	0.61	55	410	

*rated data

Fan ordering information

Airflow direction V

Design

K



Type

FB050-6EK.4C.V4L

Article no.

124189

Weight [kg]

8.10

Control technology

Frequency inverter
Fcontrol 1~



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Motor protection units
1~



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Transformer-based
controllers 1~



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Electronic voltage
controllers 1~



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