



Description

Motor technology: AC

Rated voltage U_N : 3~ 400 V (Δ/Y) ± 10 %*

Rated frequency f_N : 50 Hz*

Motor input power P_1 : 0.24/0.14 kW*

Rated current I_N : 0.55/0.29 A*

Rated speed n_N : 880/ 620 min⁻¹*

Starting current I_A : 1.50 A / 0.46 A

Current increase ΔI : 0 %

Thermal class: THCL155*

Min. permitted conveyor temperature $t_{R(min)}$: -40 °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

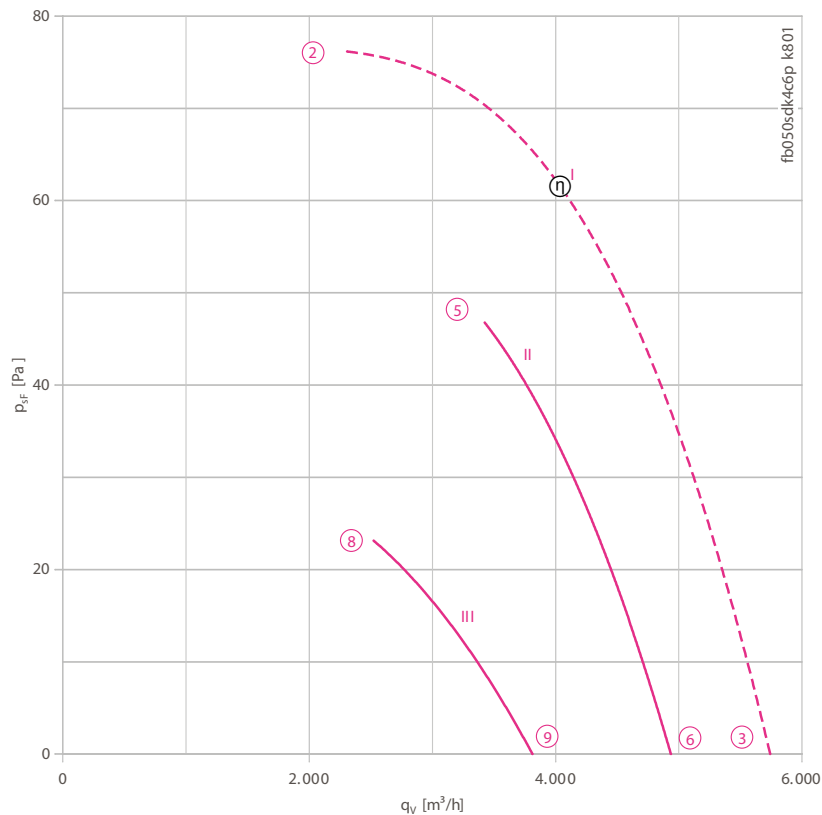
Efficiency η_{statA} : 25.9 %

Efficiency: $N_{actual} = 36.3 / N_{target} = 36$ **

* 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.

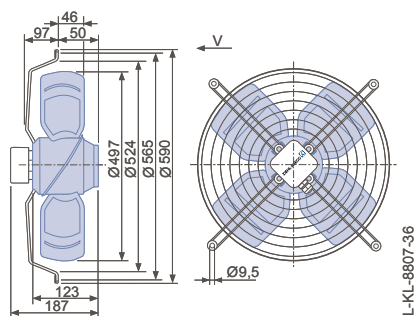
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Dimensions [mm]

Airflow direction V

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



		curve	U [V]	point	I [A]	power P ₁ [W]	n [min ⁻¹]	sound power level L _{WA5} [dB]
FB050-SD_4C.V4P	Δ	I	400*	②	0.55*	240*	880*	
			400	③	0.49	175	930	69
		II	400	⑤	0.55	220	890	69
			400	⑥	0.52	190	910	67
	Y	III	400	⑧	0.27	130	630	64
			400	⑨	0.25	120	700	60

*rated data

Fan ordering information

Airflow direction V

Design

K



Type

FB050-SDK.4C.V4P

Article no.

210542

Weight [kg]

8.10

Control technology

Frequency inverter
Fcontrol 3~



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Motor protection units
3~



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Transformer-based
controllers 3~



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Electronic voltage
controllers 3~



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