



Description

Motor technology: AC

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

Rated frequency f_N : 50 Hz* (60Hz data available)

Motor input power P_1 : 0.48/0.32 kW*

Rated current I_N : 0.93/0.51 A*

Rated speed n_N : 870/ 680 min⁻¹*

Starting current I_A : 2.80 A / 0.90 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 2015, CE

ErP Data

Efficiency η_{statA} : 30.5 %

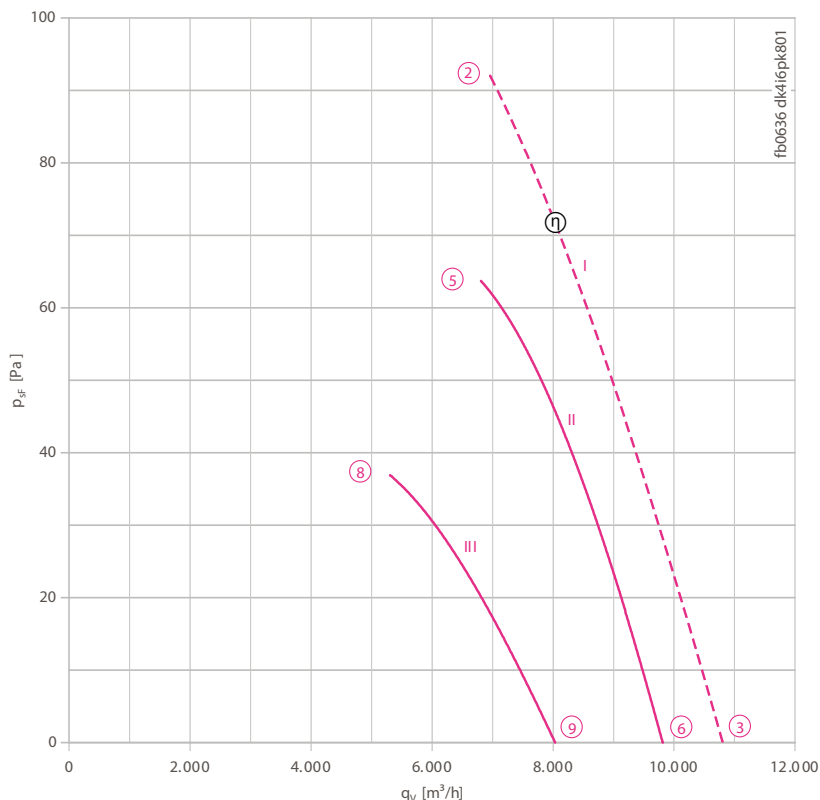
Efficiency: $N_{actual} = 40.5 / N_{target} = 40$ **

Frequency inverter required

* Rated data

**ErP 2015

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.

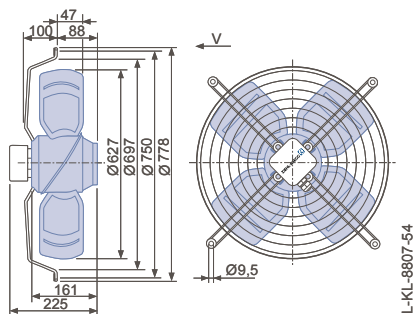
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Dimensions [mm]

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]
FB063-SD_4I.V4P	Δ	I	400*	②	0.93*	480*	870*	
			400	③	0.85	380	910	78
		II	400	⑤	0.89	500	890	77
	Y	III	400	⑥	0.79	420	910	76
			400	⑧	0.57	350	680	69
			400	⑨	0.52	320	730	70

*rated data

Fan ordering information

Airflow direction V

Design

K



Type

FB063-SDK.4I.V4P

Article no.

124169

Weight [kg]

12.80

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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