



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 : 0.18/0.13 kW*

Rated current I_N : 0.37/0.21 A*

Rated speed n_N : 1320/1040 min⁻¹*

Starting current I_A : 1.30 A / 0.42 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} : 26.9 %

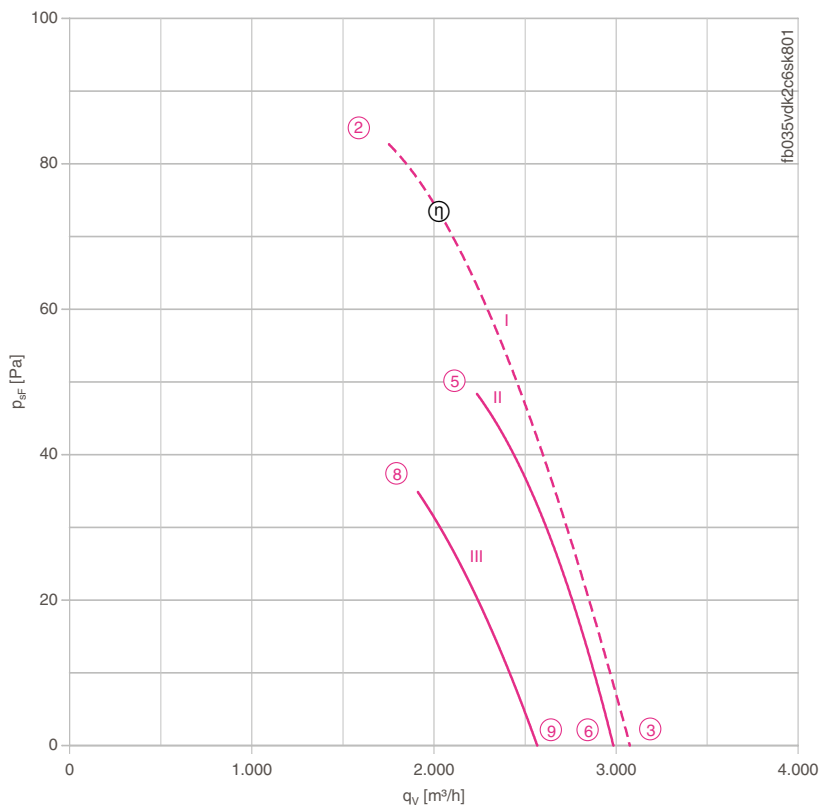
Efficiency: $N_{actual} = 40.2 / N_{target} = 40$ **

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.

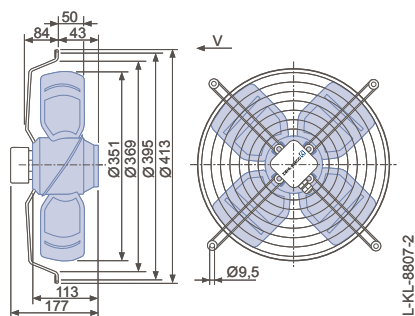
Connection diagram 1360-108XA Page 608

System components Page 524

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]
FB035-VD_2C.V4S	Δ	I	400*	②	0.37*	180*	1320*	
			400	③	0.34	150	1400	71
		II	400	⑤	0.37	170	1380	71
	Y		400	⑥	0.36	160	1390	71
			400	⑧	0.20	125	1180	66
		III	400	⑨	0.19	120	1200	67

*rated data

Fan ordering information

Airflow direction V

Design

K



Type

FB035-VDK.2C.V4S

Article no.

124152

Weight [kg]

4.80

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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