



Description

Motor technology: AC

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

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

Motor input power P_1 : 0.14/0.09 kW*

Rated current I_N : 0.25/0.14 A*

Rated speed n_N : 1320/1050 min⁻¹*

Starting current I_A : 0.80 A / 0.26 A

Current increase ΔI : 5 %

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

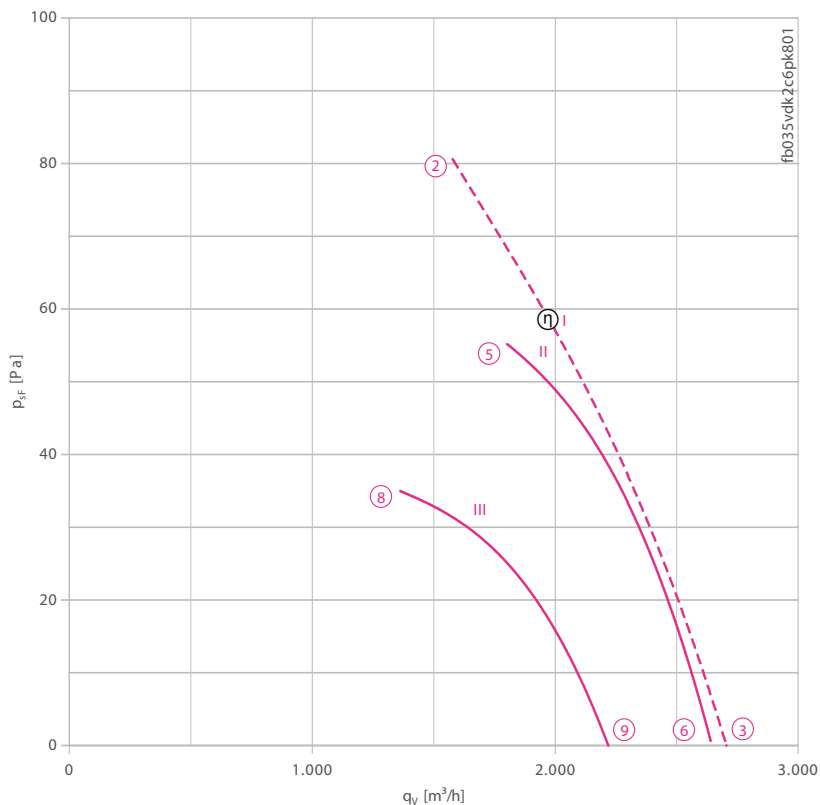
Efficiency η_{statA} : 29.9 %

Efficiency: $N_{actual} = 41.9 / N_{target} = 40$ **

* 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.

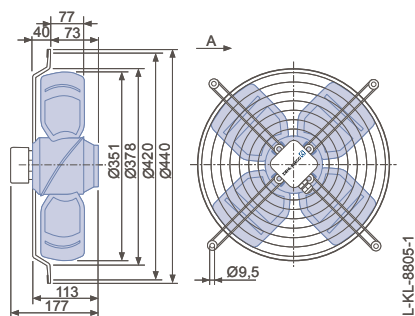
➤ Connection diagrams Page 608
for airflow direction V 1360-108XA
for airflow direction A 1360-108XB

➤ System components Page 524

Dimensions [mm]

Airflow direction A

Design W - axial bolted, mounting 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_4P	Δ	I	400*	②	0.25*	140*	1320*	
			400	③	0.22	110	1360	68
		II	400	⑤	0.22	110	1360	73
			400	⑥	0.21	97	1380	67
	Y	III	400	⑧	0.14	91	1040	66
			400	⑨	0.12	74	1160	62

*rated data

Fan ordering information

Airflow direction A		Airflow direction V	
Design	W		K
			
Type	FB035-VDW.2C.A4P		FB035-VDK.2C.V4P
Article no.	106939		124151
Weight [kg]	4.50		4.80

Control technology

Frequency inverter Fcontrol 3~	Motor protection units 3~	Transformer-based controllers 3~	Electronic voltage controllers 3~
			
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Airflow direction V

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

