

for single phase alternating current, 4 pole

FB035-4E



Description

Motor technology: AC

Rated voltage U_N : 1~230 V $\pm$ 10 %*

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

Motor input power P_1 : **0.19 kW***

Rated current I_N : **0.89 A***

Rated speed n_N : **1330 min⁻¹***

Starting current I_A : 1.40 A

Current increase ΔI : 0 %

Service capacitor C_{400V} : $5.0 \mu F$

Thermal class: **THCL155***

Min. permitted conveyor temperature $t_{B(min)}$: -25 °C

Max. permitted conveyor temperature $t_{R(max)}$: 70 °C

Electrical connection: Terminal box

Number of blades: 4

Protection class: IP54

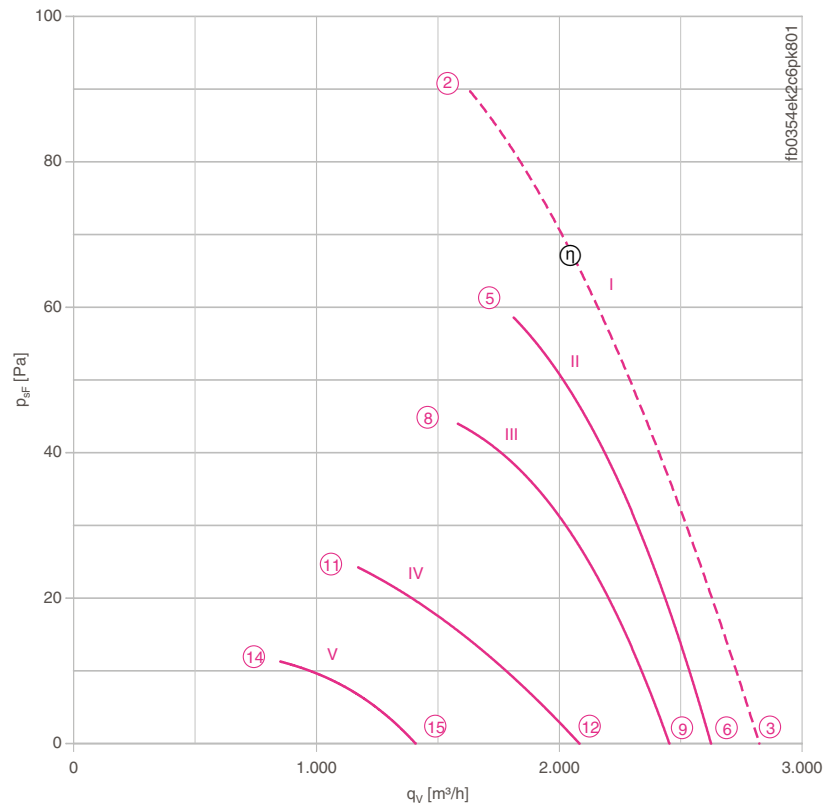
Motor protection: Thermal contact

Blades: Aluminium, uncoated

Rotor: Aluminium, uncoated

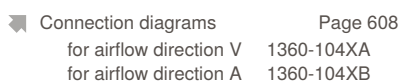
* Rated data

Characteristic curve



l) Measured in full bell mouth without guard grille in installation type A according to ISO 5801.

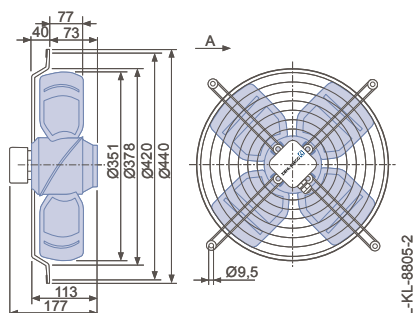
II-x) Measured in short-bell mouth with compressed side contact protection.



Dimensions [mm]

Airflow direction A

Design W - axial bolted, mounting for short bell mouth E



	curve	U		I	power	n	sound power level
		[V]		[A]	P ₁ [W]		L _{WAS} [dB]
FB035-4E_2C_4P	I	230*	②	0.89*	190*	1330*	
		230	③	0.73	150	1410	69
		230	⑤	0.75	160	1390	70
	II	230	⑥	0.72	150	1420	68
		160	⑧	0.68	105	1250	67
		160	⑨	0.60	94	1320	65
	IV	130	⑪	0.68	80	930	60
		130	⑫	0.62	77	1130	61
	V	105	⑭	0.58	54	660	54
		105	⑮	0.57	53	770	53

*rated data

Fan ordering information

Airflow direction A		Airflow direction V	
Design	W		K
			
Type	FB035-4EW.2C.A4P		FB035-4EK.2C.V4P
Article no.	106938		124158
Weight [kg]	4.50		4.80

Control technology

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Airflow direction V

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

