

for single phase alternating current, 6 pole

FB050-6E



Description

Motor technology: AC

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

Rated frequency f_N : **50 Hz***

Motor input power P_1 : **0.29 kW***

Rated current I_N : **1.35 A***

Rated speed n_N : **850 min⁻¹***

Starting current I_A : 2.20 A

Current increase ΔI : 0 %

Service capacitor C_{400V} : 8.0

Thermal class: **THCL155***

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

Max. permitted conveyor temperature

Electrical connection: Terminal box

Number of blades: 4

Protection class: IP54

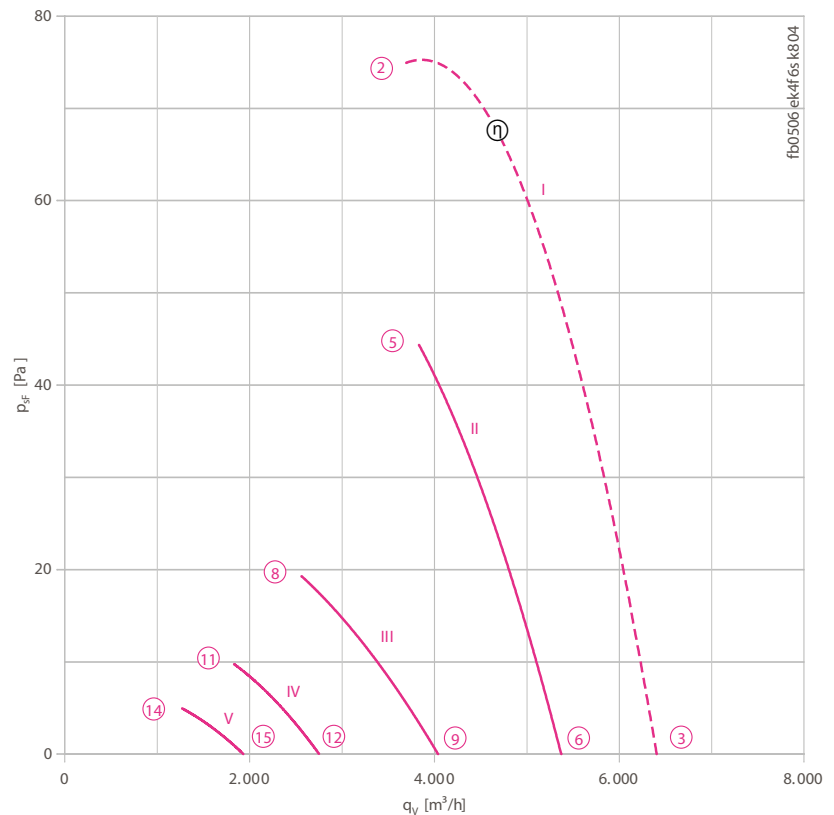
Motor protection: Thermal con

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.

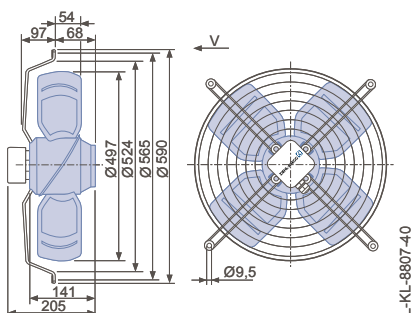
Connection diagram 1360-104XA Page 608

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]	media tem- perature t _R [°C]
FB050-6E_4F.V4S	I	230*	②	1.35*	290*	850*		65
		230	③	1.15	250	900	72	
	II	230	⑤	1.20	270	880	70	70
		230	⑥	1.10	240	910	70	
	III	160	⑧	1.30	190	570	59	
		160	⑨	1.25	180	670	62	
	IV	130	⑪	1.10	130	410	55	
		130	⑫	1.10	125	460	55	
	V	105	⑭	0.91	83	280		
		105	⑮	0.90	82	340		

*rated data

Fan ordering information

Airflow direction V

Design

K



Type

FB050-6EK.4F.V4S

Article no.

124191

Weight [kg]

9.50

Control technology

Frequency inverter
Fcontrol 1~



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Motor protection units
1~



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Transformer-based
controllers 1~



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Electronic voltage
controllers 1~



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E-mail: zakaz@ventilatorry.ru