

for single phase alternating current, 6 pole

FB056-6E



Description

Motor technology: AC

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

Rated frequency f_N : **50 Hz***

Motor input power P_1 : **0.37 kW***

Rated current I_N : **1.70 A***

Rated speed n_N : **900 min⁻¹***

Starting current I_A : 3.80 A

Current increase ΔI : 20 %

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 contact

Blades: Aluminium, uncoated

Rotor: Aluminium, uncoated

Conformity: ErP 2013, CE

ErP Data

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Efficiency η_{statA} : 28.7 %

Efficiency: $N_{\text{actual}} = 38.0 / N_{\text{target}} = 36^{**}$

* Rated data

**ErP 2013

➤ Connection diagrams

for airflow direction V 1360-104XA

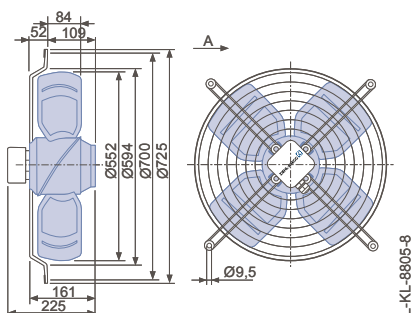
for airflow direction A 1360-104XB

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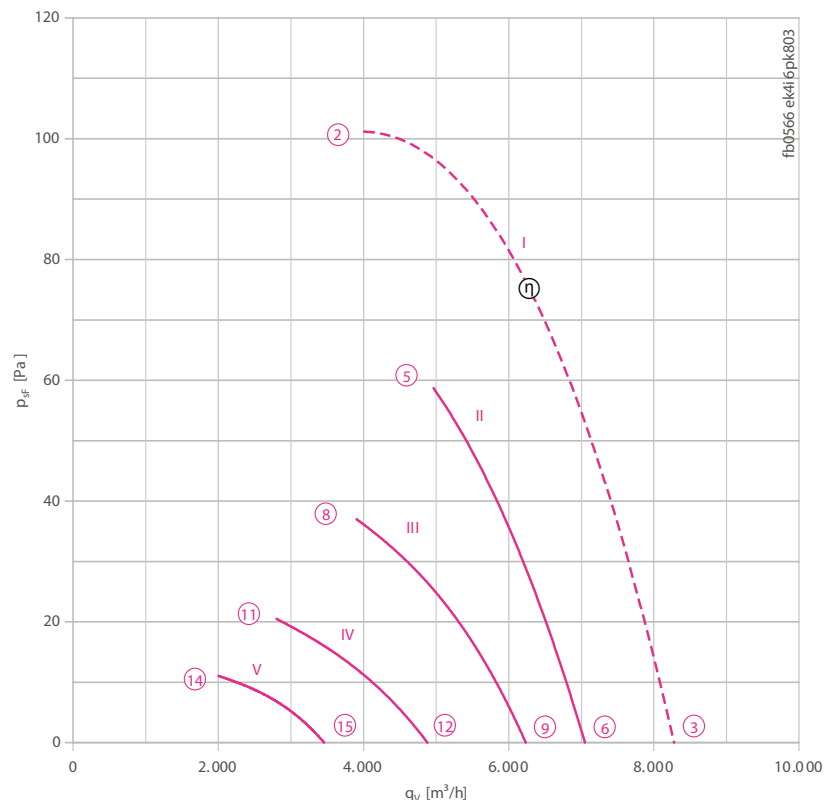
Dimensions [mm]

Airflow direction A

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



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.

	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]
FB056-6E_4I_4P	I	230*	②	1.70*	370*	900*		65
		230	③	1.45	320	920	73	
	II	230	⑤	1.60	350	910	72	70
		230	⑥	1.35	300	930	72	
	III	160	⑧	1.90	280	730	67	
		160	⑨	1.60	240	820	68	
	IV	130	⑪	1.90	210	550	61	
		130	⑫	1.70	200	640	63	
	V	105	⑭	1.55	145	380	57	
		105	⑮	1.50	140	460	56	

*rated data

Fan ordering information

Airflow direction A		Airflow direction V	
Design	W		K
			
Type	FB056-6EW.4I.A4P		FB056-6EK.4I.V4P
Article no.	106941		124175
Weight [kg]	12.10		12.10

Control technology

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Airflow direction V

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

