



Description

Motor technology: AC

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

Rated frequency f_N : 50 Hz*

Motor input power P_1 : 0.41/0.25 kW*

Rated current I_N : 0.90/0.50 A*

Rated speed n_N : 890/ 610 min⁻¹*

Starting current I_A : 2.40 A / 0.70 A

Current increase ΔI : 5 %

Thermal class: THCL155*

Min. permitted conveyor temperature $t_{R(min)}$: -40 °C

Max. permitted conveyor temperature $t_{R(max)}$: 65 °C

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

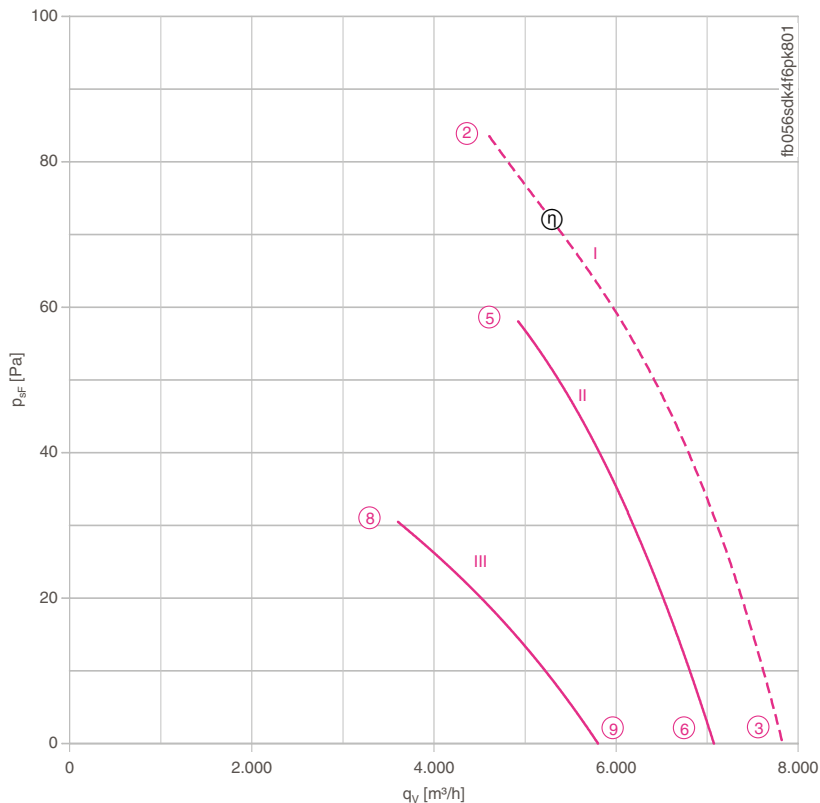
Efficiency η_{statA} : 28.7 %

Efficiency: $N_{actual} = 37.9 / N_{target} = 36$ **

* Rated data

**ErP 2013

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.

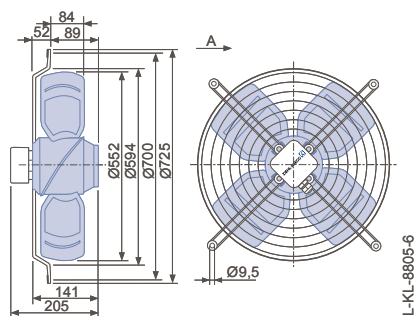
➤ Connection diagrams Page 608
for airflow direction V 1360-108XA
for airflow direction A 1360-108XB

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Dimensions [mm]

Airflow direction A

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



		tic curve		point		power		sound power level	permitted media temperature
			U [V]		I [A]	P ₁ [W]	n [min ⁻¹]	L _{WA5} [dB]	t _R [°C]
FB056-SD_4F_4P	Δ	I	400*	②	0.90*	410*	890*		65
			400	③	0.81	330	920	73	
		II	400	⑤	0.83	350	910	72	70
	Y		400	⑥	0.78	290	920	71	
	III	400	⑧	0.46	230	670	66		
		400	⑨	0.42	210	760	66		

*rated data

Fan ordering information

Airflow direction A		Airflow direction V	
Design	W		K
			
Type	FB056-SDW.4F.A4P		FB056-SDK.4F.V4P
Article no.	106942		108039
Weight [kg]	10.30		10.30

Control technology

Frequency inverter Fcontrol 3~  Page 558	Motor protection units 3~  Page 596	Transformer-based controllers 3~  Page 591	Electronic voltage controllers 3~  Page 578
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Airflow direction V

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

