



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 : 0.84/0.64 kW*

Rated current I_N : 1.65/1.05 A*

Rated speed n_N : 1360/1090 min⁻¹*

Starting current I_A : 6.00 A / 2.00 A

Current increase ΔI : 10 %

Thermal class: THCL155*

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

Max. permitted conveyor temperature $t_{R(max)}$: 40 °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

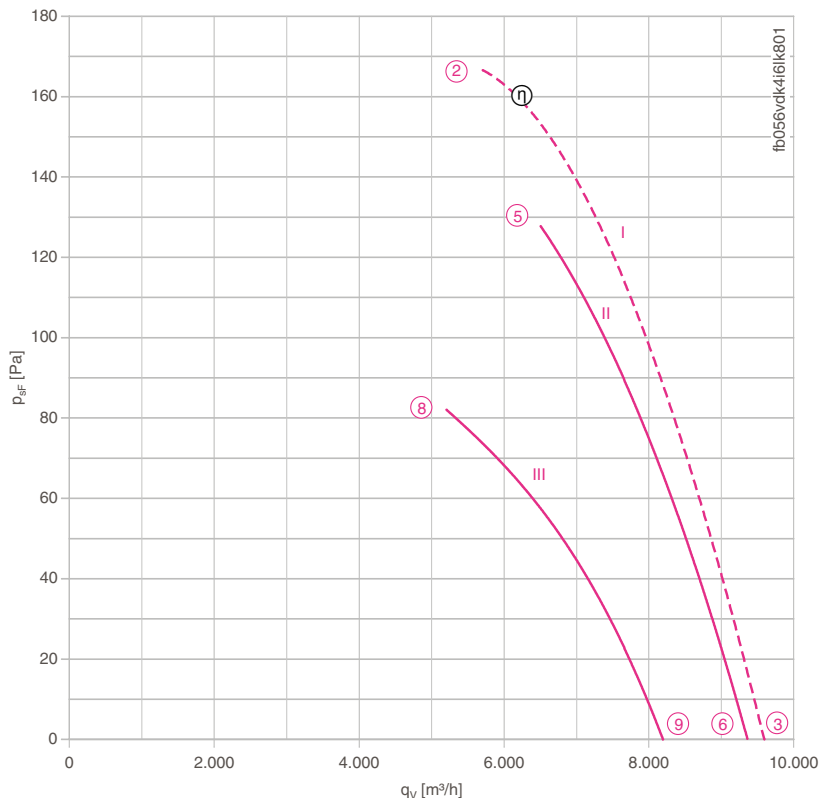
Efficiency η_{statA} : 37.9 %

Efficiency: $N_{actual} = 45.0 / N_{target} = 40$ **

* 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.

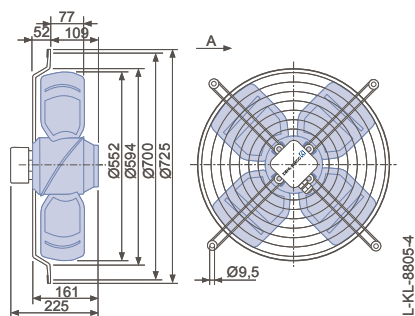
➤ Connection diagrams Page 608
for airflow direction V 1360-108XA
for airflow direction A 1360-108XB

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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 tem- perature
			U [V]		I [A]	P ₁ [W]	n [min ⁻¹]	L _{WA5} [dB]	t _R [°C]
FB056-VD_.4I_.4L	Δ	I	400*	②	1.65*	840*	1360*		40
			400	③	1.25	570	1410	79	
		II	400	⑤	1.45	760	1370	80	50
	Y		400	⑥	1.20	540	1420	80	
	III	400	⑧	0.97	580	1110	76		
		400	⑨	0.76	450	1230	77		

*rated data

Fan ordering information

Airflow direction A		Airflow direction V	
Design	W		K
			
Type	FB056-VDW.4I.A4L		FB056-VDK.4I.V4L
Article no.	127411		124384
Weight [kg]	12.10		12.10

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

