

for three phase alternating current, 8-8 pole

FC071-AD



Description

Motor technology: AC

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

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

Motor input power P_1 : 0.43/0.26 kW*

Rated current I_N : **1.10/0.56 A***

Rated speed n_N : 640/ 490 min⁻¹*

Starting current I_A : 2.40 A / 0.75 A

Current increase ΔI : 0 %

Thermal class: **THCL155***

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

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

Electrical connection: Terminal box

Number of blades: 7

Protection class: IP54

Motor protection: Thermal contact

Blades: Aluminium, 1 coat paint, black

Rotor: Aluminium, 1 coat paint, black

Conformity: ErP 2013, CE

ErP Data

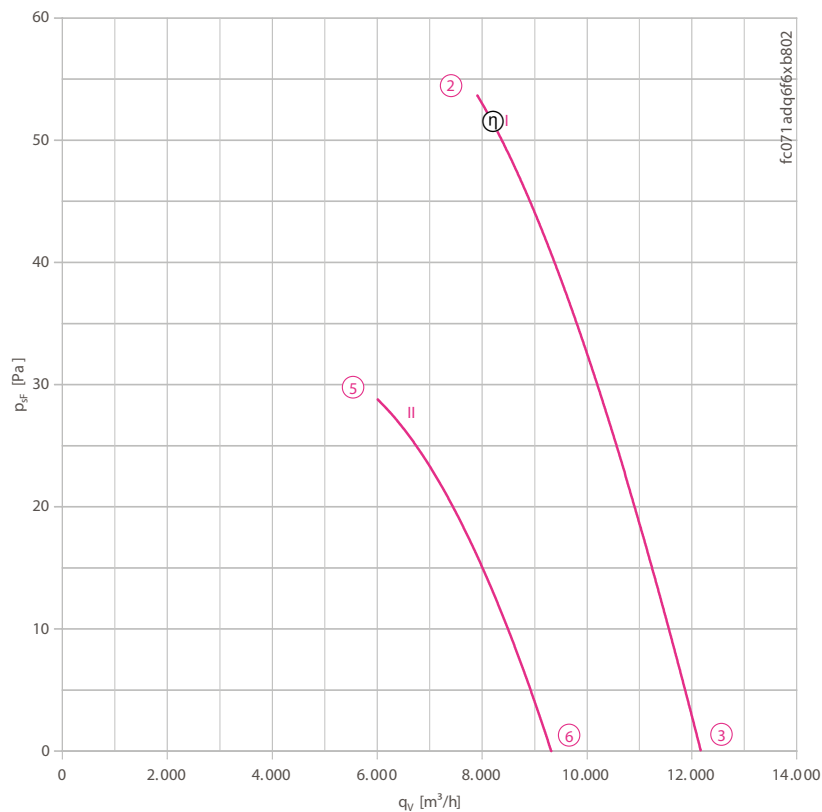
Efficiency η_{total} : 29.3 %

Efficiency: $N_{\text{actual}} = 38.1 / N_{\text{target}} = 36^{**}$

* Rated data

**ErP 2013

Characteristic curve



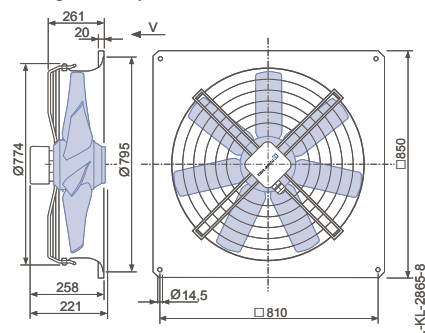
Measured in full bell mouth without guard grille in installation type A according to ISO 5801.

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|----------------------|------------|----------|
| ➤ Connection diagram | 1360-108XA | Page 608 |
| ➤ System components | | Page 524 |

Dimensions [mm]



Design Q - square, full bell mouth



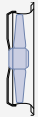
		curve	U [V]	point	I [A]	power P ₁ [W]	n [min ⁻¹]	sound power level L _{WA5} [dB]
FC071-AD_.6F.V7	Δ	I	400*	②	1.10*	420*	640*	75
			400	③	1.05	370	650	75
	Y	II	400*	⑤	0.48*	240*	480*	68
			400	⑥	0.46	220	510	68

*rated data

Fan ordering information

Airflow direction V

Design Q



Type FC071-ADQ.6F.V7

Article no. 123997

Weight [kg] 30.40

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