



Description

Motor technology: AC

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

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

Motor input power P_1 : 0.72/0.44 kW*

Rated current I_N : 1.80/0.90 A*

Rated speed n_N : 680/ 490 min⁻¹*

Starting current I_A : 4.10 A / 1.40 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 2015, CE

ErP Data

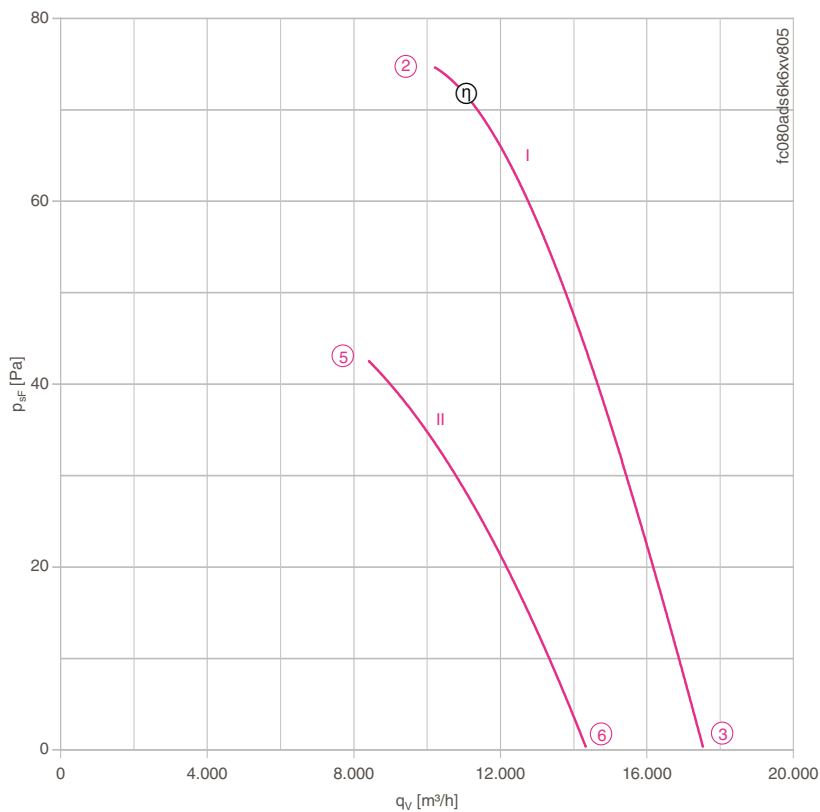
Efficiency η_{statA} : 33.5 %

Efficiency: $N_{actual} = 40.9 / N_{target} = 40$ **

* Rated data

**ErP 2015

Characteristic curve



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

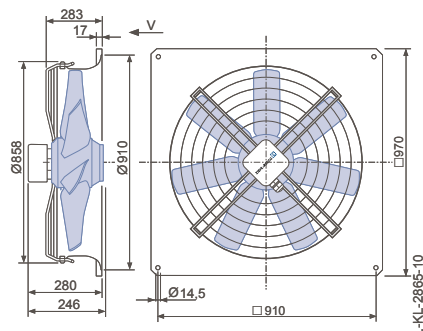
Connection diagram 1360-108XA Page 608

System components Page 524

Dimensions [mm]

Airflow direction V

Design Q - square, full bell mouth



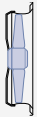
		curve	U [V]	point	I [A]	P ₁ [W]	n [min ⁻¹]	sound power level L _{WA5} [dB]
FC080-AD_.6K.V7	Δ	I	400*	②	1.80*	720*	680*	75
			400	③	1.70	600	700	75
	Y	II	400*	⑤	0.98*	470*	520*	70
			400	⑥	0.87	420	580	71

*rated data

Fan ordering information

Airflow direction V

Design Q



Type FC080-ADQ.6K.V7

Article no. 132884

Weight [kg] 41.00

Control technology

Frequency inverter
Fcontrol 3~



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Motor protection units
3~



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Transformer-based
controllers 3~



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Electronic voltage
controllers 3~



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