



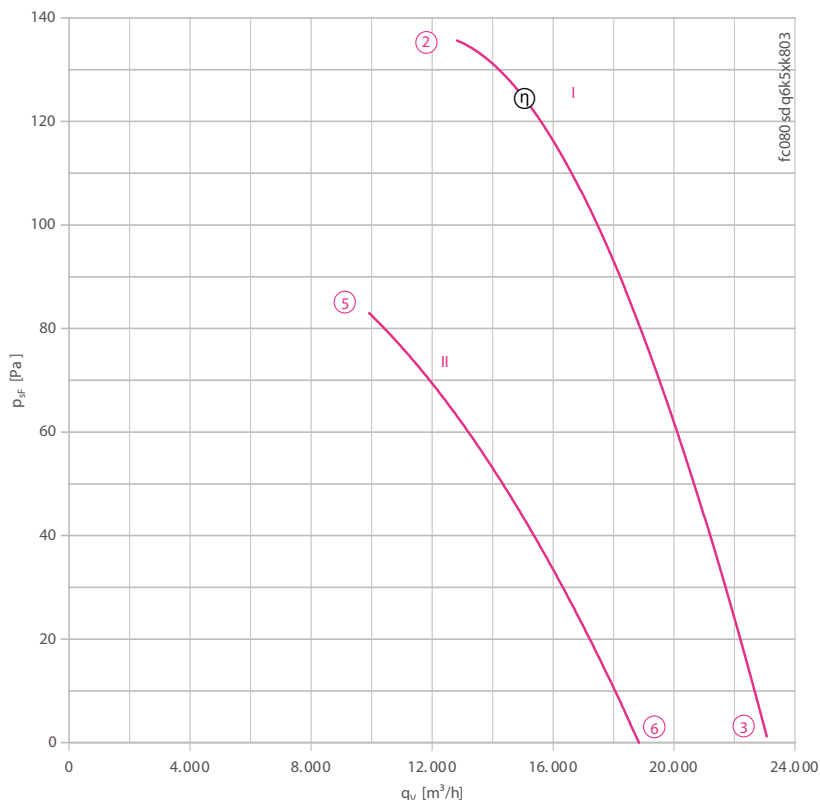
Description

Motor technology: AC
 Rated voltage U_N : 3~ 400 V (Δ/Y) ± 10 %*
 Rated frequency f_N : 50 Hz*
 Motor input power P_1 : 1.40/0.94 kW*
 Rated current I_N : 2.70/1.70 A*
 Rated speed n_N : 900/ 690 min⁻¹*
 Starting current I_A : 9.80 A / 3.30 A
 Current increase ΔI : 10 %
 Thermal class: THCL155*
 Min. permitted conveyor temperature $t_{R(min)}$: -40 °C
 Max. permitted conveyor temperature $t_{R(max)}$: 60 °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} : 38.0 %
 Efficiency: $N_{actual} = 43.4 / N_{target} = 40$ **
 * Rated data
 **ErP 2015

Characteristic curve



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

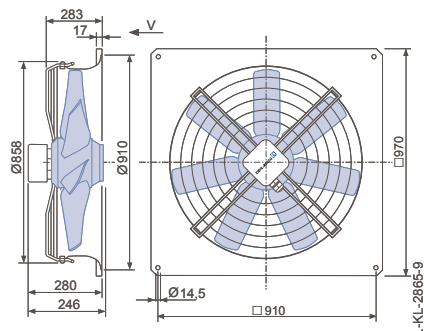
Connection diagram 1360-108XA Page 608

System components Page 524

Dimensions [mm]

Airflow direction V

Design Q - square, full bell mouth



		curve	U [V]	point	I [A]	power P ₁ [W]	n [min ⁻¹]	sound power level L _{WA5} [dB]
FC080-SD_6K.V7	Δ	I	400*	②	2.70*	1400*	900*	82
			400	③	2.40	1150	920	81
	Y	II	400*	⑤	1.70*	940*	690*	76
			400	⑥	1.50	840	750	77

*rated data

Fan ordering information



Design

Q

Type

FC080-SDQ.6K.V7

Article no.

132888

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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