



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 : 0.60/0.40 kW*

Rated current I_N : 1.35/0.78 A*

Rated speed n_N : 900/ 650 min⁻¹*

Starting current I_A : 4.00 A / 1.35 A

Current increase ΔI : 0 %

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

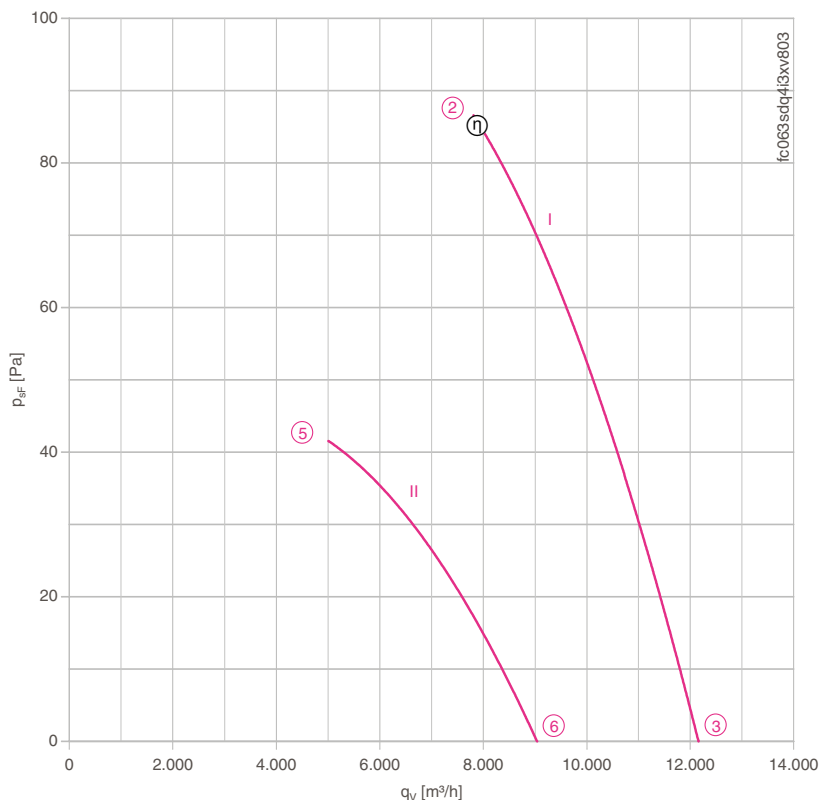
Efficiency η_{statA} : 32.2 %

Efficiency: $N_{actual} = 40.3 / N_{target} = 40$ **

* Rated data

**ErP 2015

Characteristic curve



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

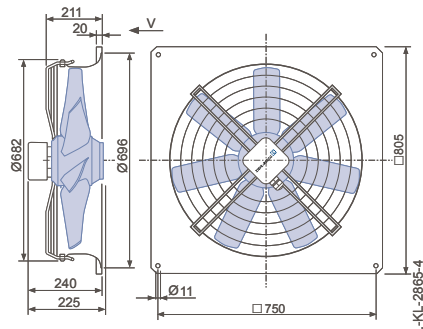
Connection diagram 1360-108XA Page 608

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]
FC063-SD_4I.V7	Δ	I	400*	②	1.35*	600*	900*	81
			400	③	1.30	550	920	80
	Y	II	400*	⑤	0.78*	400*	680*	74
			400	⑥	0.75	380	720	74

*rated data

Fan ordering information



Design Q

Type **FC063-SDQ.4I.V7**

Article no. **123996**

Weight [kg] 23.40

Control technology

Frequency inverter
Fcontrol 3~

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Motor protection units
3~

➤ Page 596

Transformer-based
controllers 3~

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Electronic voltage
controllers 3~

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