



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 : 4.30/2.60 kW*

Rated current I_N : 9.00/4.90 A*

Rated speed n_N : 640/ 490 min⁻¹*

Starting current I_A : 30.00 A / 10.00 A

Current increase ΔI : 0 %

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: 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

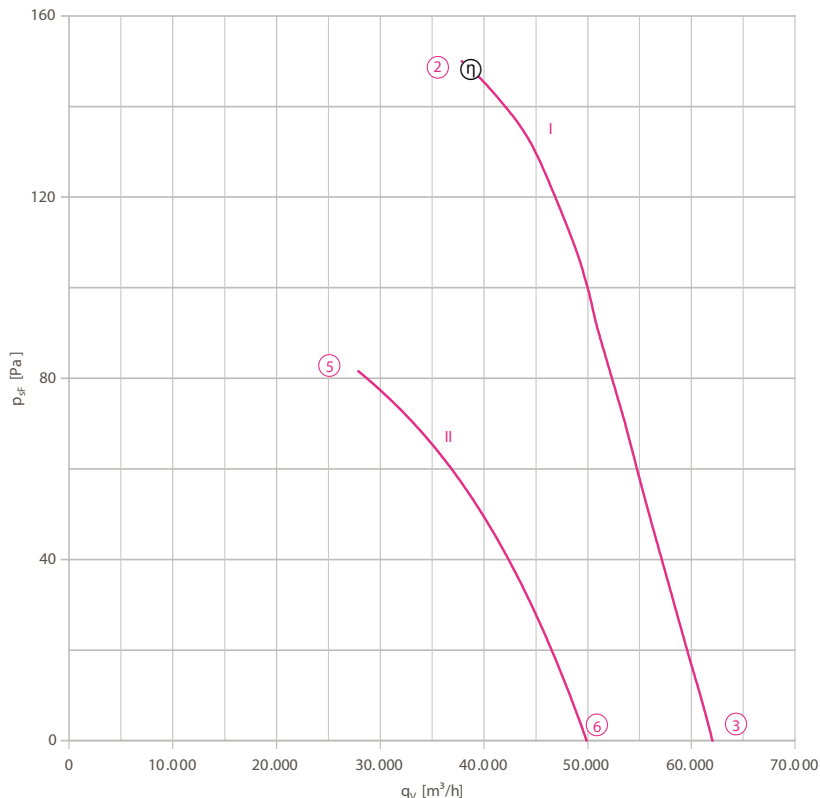
Efficiency η_{statA} : 37.7 %

Efficiency: $N_{actual} = 40.0 / N_{target} = 40$ **

* Rated data

**ErP 2015

Characteristic curve



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

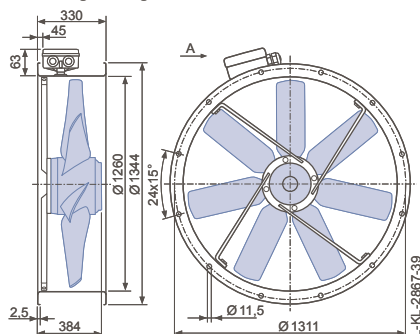
Connection diagram 1360-108XB Page 608

System components Page 524

Dimensions [mm]

Airflow direction A

Design F - flange ring with two flanges
without guard grille



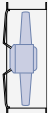
		curve	U [V]	point	I [A]	power P ₁ [W]	n [min ⁻¹]	sound power level L _{WA5} [dB]
FC125-AD_.8S.A7	Δ	I	400*	②	9.00*	4300*	640*	96
			400	③	8.10	3600	660	92
	Y	II	400*	⑤	4.90*	2600*	490*	88
			400	⑥	4.50	2300	530	85

*rated data

Fan ordering information

Airflow direction A

Design F (without guard grille)



Type **FC125-ADF.8S.A7**

Article no. **125053**

Weight [kg] 123.40

Control technology

Frequency inverter
Fcontrol 3~

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Motor protection units
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Transformer-based
controllers 3~

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Electronic voltage
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