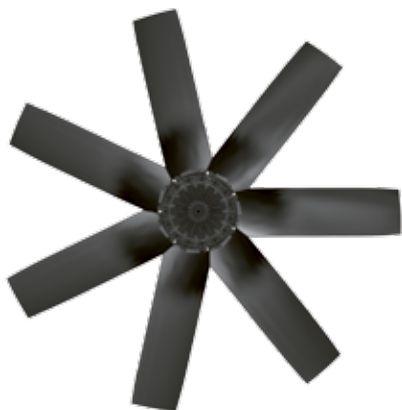




Description

Motor technology: AC

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

Rated frequency f_N : 50 Hz*

Motor input power P_1 : 2.20/1.20 kW*

Rated current I_N : 4.50/2.50 A*

Rated speed n_N : 500/ 330 min⁻¹*

Starting current I_A : 14.00 A / 4.00 A

Current increase ΔI : 0 %

Thermal class: THCL155*

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

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

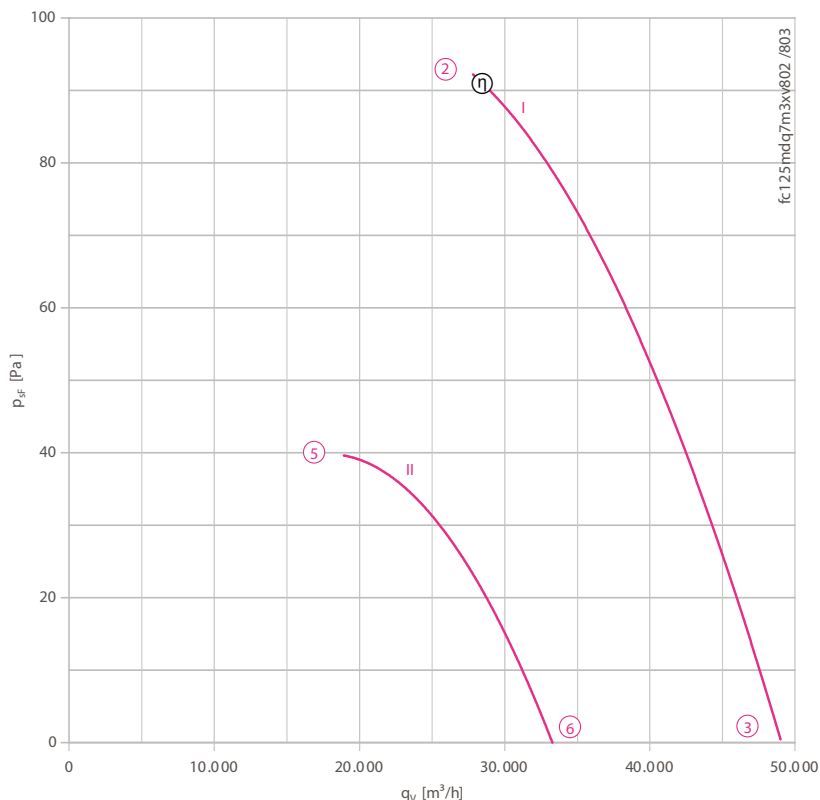
Efficiency η_{statA} : 35.8 %

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.

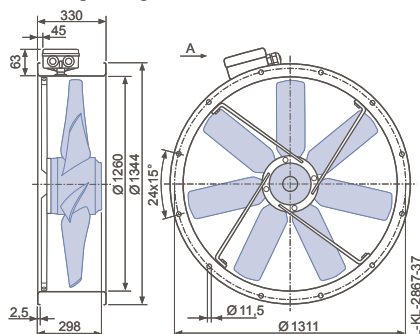
Connection diagram 1360-108XB Page 608

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-MD_7Q.A7	Δ	I	400*	②	4.50*	2200*	500*	90
			400	③	4.20	1800	520	90
	Y	II	400*	⑤	2.50*	1200*	330*	78
			400	⑥	2.30	1100	370	80

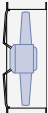
*rated data

Fan ordering information

Airflow direction A

Design

F (without guard grille)



Type

FC125-MDF.7Q.A7

Article no.

125054

Weight [kg]

85.50

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