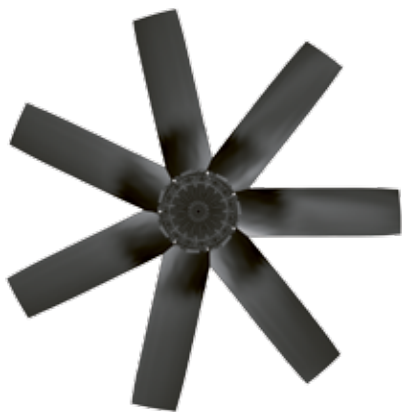




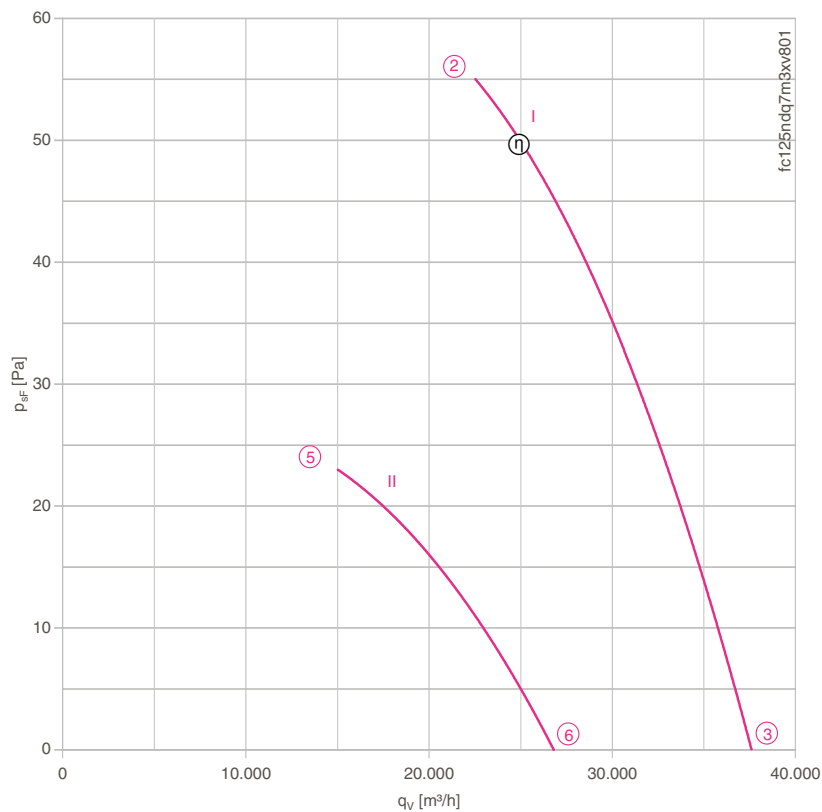
Description

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 : 1.15/0.56 kW*
 Rated current I_N : 2.60/1.20 A*
 Rated speed n_N : 380/ 250 min⁻¹*
 Starting current I_A : 5.50 A / 1.70 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 2013, CE

ErP Data

Efficiency η_{statA} : 31.1 %
 Efficiency: $N_{actual} = 37.0 / N_{target} = 36^{**}$
 * Rated data
 **ErP 2013

Characteristic curve



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

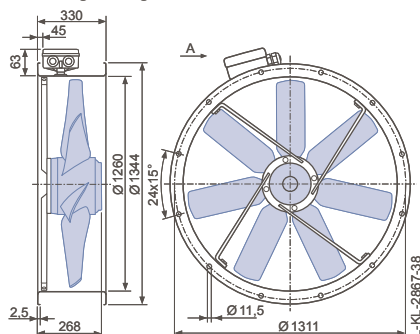
➤ Connection diagram 1360-108XB Page 608

➤ 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-ND_7M.A7	Δ	I	400*	②	2.60*	1150*	380*	83
			400	③	2.50	1100	400	82
	Y	II	400*	⑤	1.20*	560*	250*	71
			400	⑥	1.40	520	290	74

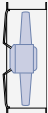
*rated data

Fan ordering information

Airflow direction A

Design

F (without guard grille)



Type

FC125-NDF.7M.A7

Article no.

125055

Weight [kg]

79.00

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