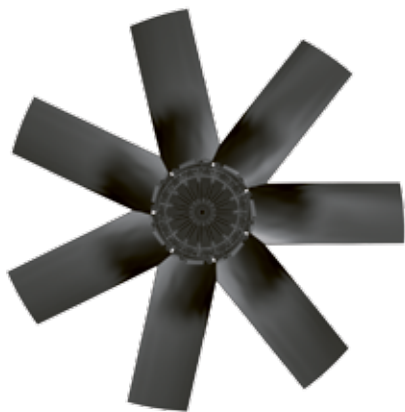




Description

Motor technology: AC

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

Rated frequency f_N : 50 Hz*

Motor input power P_1 : 1.60/0.83 kW*

Rated current I_N : 3.40/1.75 A*

Rated speed n_N : 500/ 330 min⁻¹*

Starting current I_A : 10.00 A / 3.00 A

Current increase ΔI : 0 %

Thermal class: THCL155*

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

Max. permitted conveyor temperature $t_{R(max)}$: 65 °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

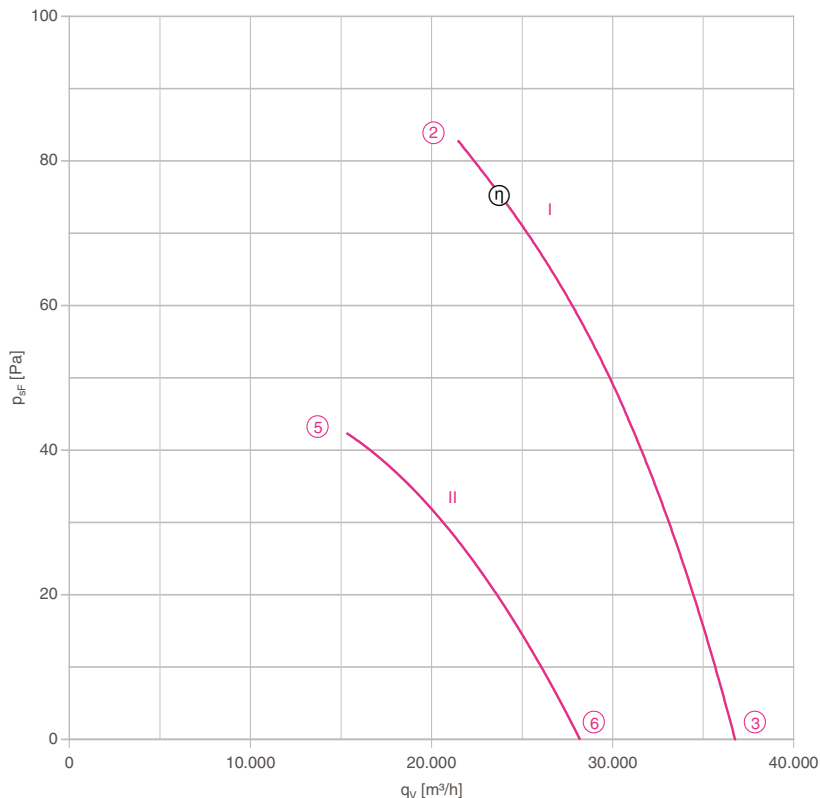
Efficiency η_{statA} : 32.8 %

Efficiency: $N_{actual} = 37.9 / N_{target} = 36$ **

* Rated data

**ErP 2013

Characteristic curve



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

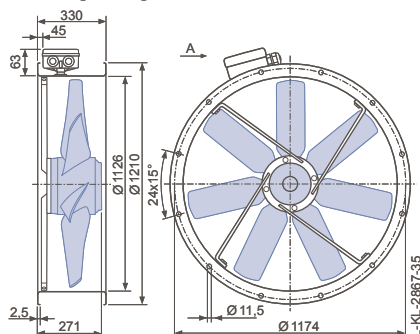
Connection diagram 1360-108XB Page 608

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]
FC112-MD_7M.A7	Δ	I	400*	②	3.60*	1600*	510*	83
			400	③	3.20	1320	530	85
	Y	II	400*	⑤	1.95*	940*	360*	75
			400	⑥	1.75	850	400	77

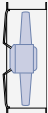
*rated data

Fan ordering information

Airflow direction A

Design

F (without guard grille)



Type

FC112-MDF.7M.A7

Article no.

132553

Weight [kg]

73.30

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