



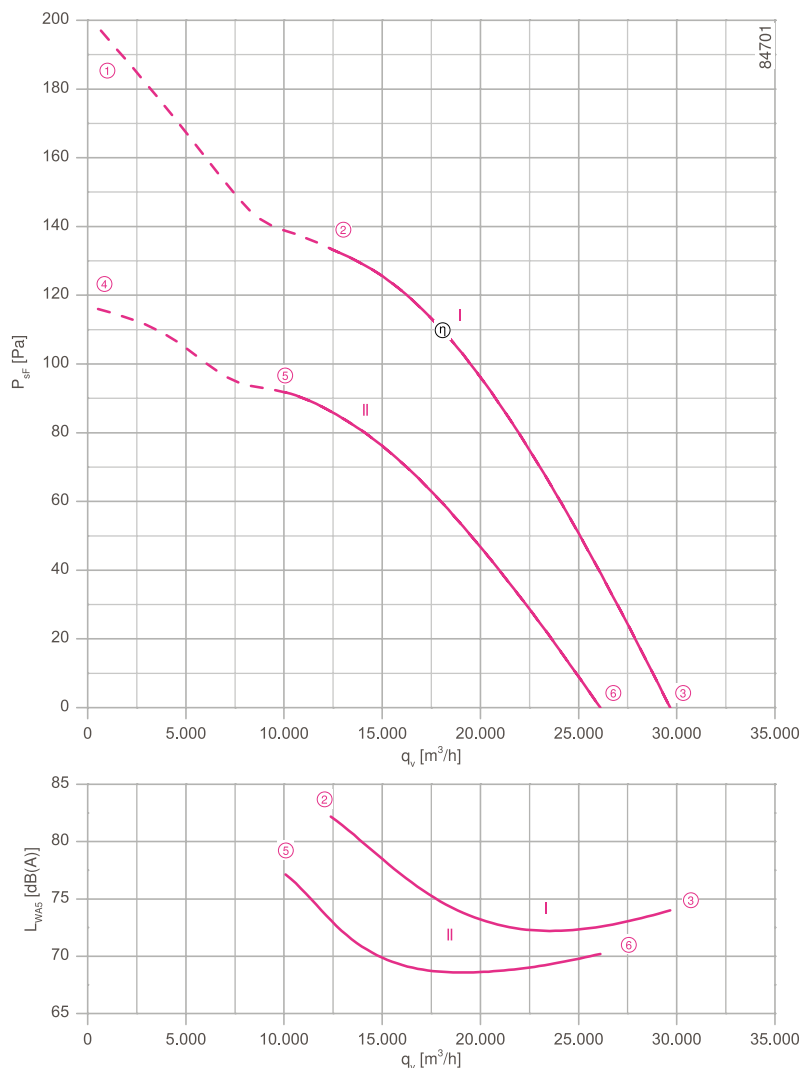
Description

Motor technology: AC
 Rated voltage U_N : 3~ 400 V (Δ/Y) ± 10 %
 Rated frequency f_N : 50 Hz*
 Motor input power P_i : 1.55/1.15 kW*
 Rated current I_N : 3.40/2.00 A*
 Rated speed n_N : 690/ 570 min⁻¹*
 Starting current I_A : 14.00 A / 4.40 A
 Current increase ΔI : 5 %
 Thermal class: **THCL155***
 Min. permitted conveyor temperature $t_{R(min)}$: -40 °C
 Max. permitted conveyor temperature $t_{R(max)}$: 70 °C
 Electrical connection: Terminal box
 Number of blades: 5
 Protection class: IP54
 Motor protection: Thermal contact
 Blades: Aluminium, uncoated
 Rotor: Aluminium, uncoated
 Conformity: ErP 2015, CE
ErP Data
 Efficiency η_{statA} : 38.0 %
 Efficiency: $N_{actual} = 43.2 / N_{target} = 40$ **
 * Rated data
 **ErP 2015

➤ Connection diagrams Page 608
 for airflow direction V 1360-108XA
 for airflow direction A 1360-108XB

➤ System components Page 524

Characteristic curve

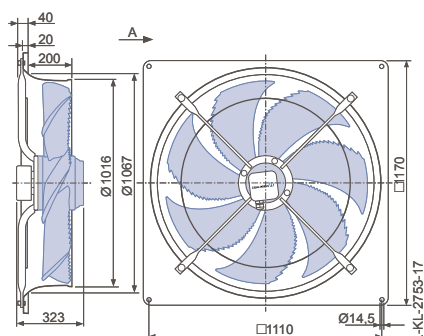


Measured in full bell mouth without guard grille in installation type A according to ISO 5801.

Dimensions [mm]

Airflow direction A

Design Q - square, full bell mouth



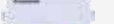
		curve	U [V]	point	I [A]	P ₁ [W]	n [min ⁻¹]	sound power level L _{WA5} [dB]
FN100-AD_7M_5P1	Δ	I	400	①	3.90	2000	670	
			400*	②	3.40*	1550*	690*	82
			400	③	2.90	1150	710	74
	Y	II	400	④	2.40	1350	510	
			400*	⑤	2.00*	1150*	570*	77
			400	⑥	1.60	900	630	70

*rated data

Fan ordering information

Airflow direction A		Airflow direction V		
Design	Q	Q	S	I
				
Type	FN100-ADQ.7M.A5P1	FN100-ADQ.7M.V5P1	FN100-ADS.7M.V5P1	FN100-ADI.7M.V5P1
Article no.	155848	155851	155852	155850
Weight [kg]	63.00	67.90	48.60	47.80

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
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