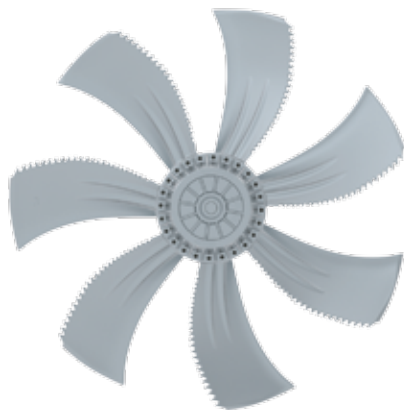




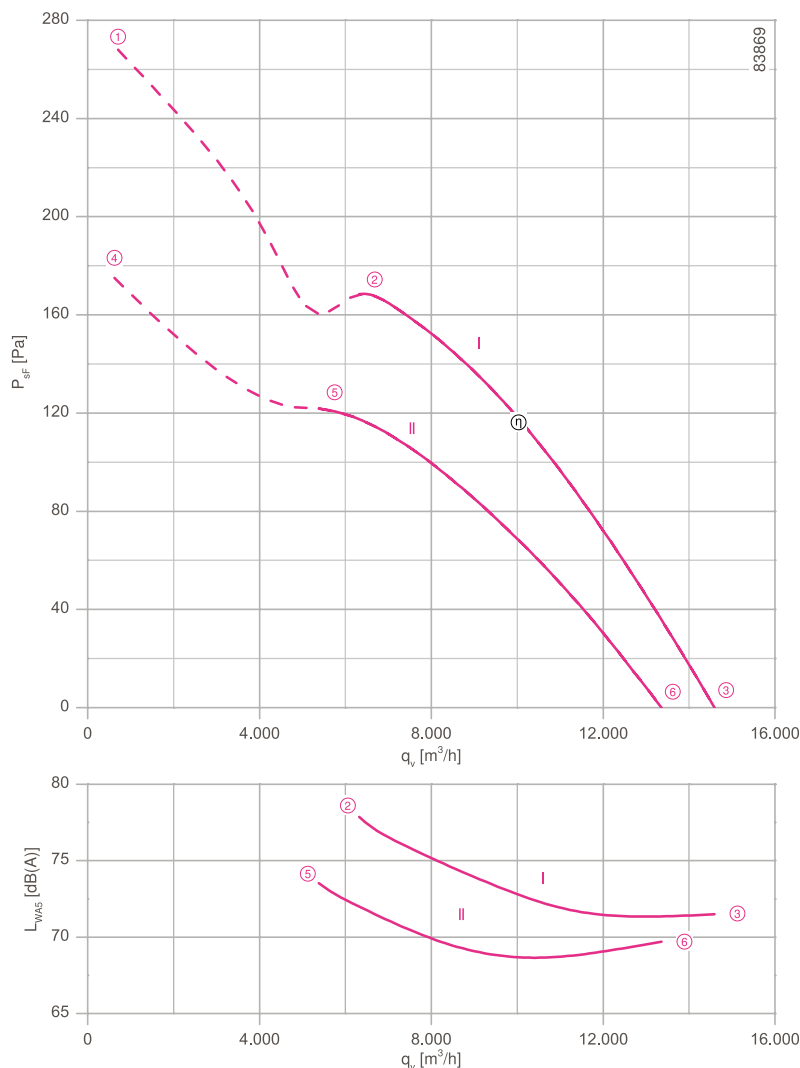
Description

Motor technology: AC
 Rated voltage U_N : 3~400 V (Δ/Y) ± 10 %
 Rated frequency f_N : 50 Hz* (60Hz data available)
 Motor input power P_1 : 1.00/0.72 kW*
 Rated current I_N : 2.50/1.25 A*
 Rated speed n_N : 920/780 min⁻¹*
 Starting current I_A : 9.50 A / 3.00 A
 Current increase ΔI : 0 %
 Thermal class: THCL155*
 Min. permitted conveyor temperature $t_{R(min)}$: -40 °C
 Max. permitted conveyor temperature $t_{R(max)}$: 70 °C
 Electrical connection: Terminal box
 Number of blades: 7
 Protection class: IP54
 Motor protection: Thermal contact
 Blades: Aluminium, uncoated
 Rotor: Aluminium, uncoated
 Conformity: ErP 2015, CE
ErP Data
 Efficiency η_{statA} : 37.4 %
 Efficiency: $N_{actual} = 44.0 / N_{target} = 40$ **
 * 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



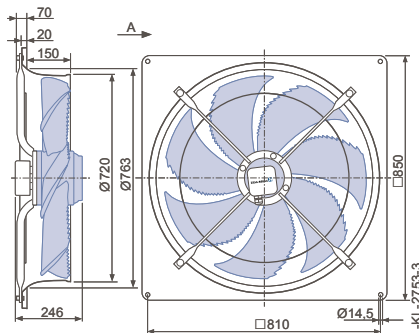
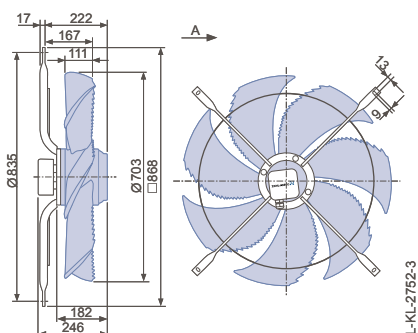
Measured in full bell mouth without guard grille in installation type A according to ISO 5801.

Dimensions [mm]

Airflow direction A

Design D - axial bolted, suspension for full bell mouth Q and L

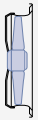
Design Q - square, full bell mouth



		curve	U [V]	point	I [A]	power P ₁ [W]	n [min ⁻¹]	sound power level L _{WA5} [dB]
FN071-SD_6K_7P1	Δ	I	400	①	2.70	1300	880	
			400*	②	2.50*	1000*	920*	78
			400	③	2.20	640	950	72
	Y	II	400	④	1.45	860	710	
			400*	⑤	1.25*	700*	780*	74
			400	⑥	0.92	460	870	70

*rated data

Fan ordering information

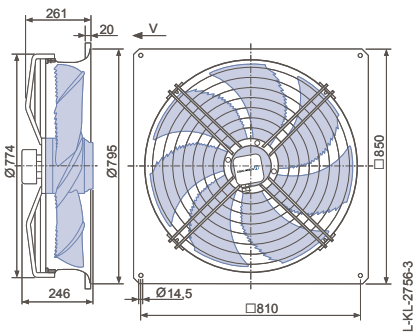
Airflow direction A			Airflow direction V		
Design	D	Q	Q	S	I
					
Type	FN071-SDD.6K.A7P1	FN071-SDQ.6K.A7P1	FN071-SDQ.6K.V7P1	FN071-SDS.6K.V7P1	FN071-SDI.6K.V7P1
Article no.	141751	141752	141779	141784	156935
Weight [kg]	24.10	35.10	37.90	27.00	27.20

Control technology

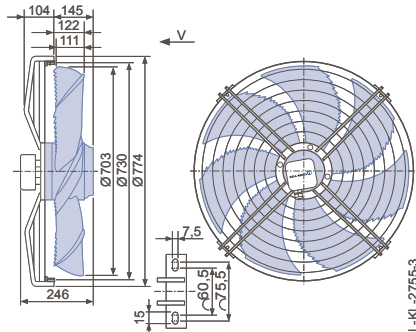
Frequency inverter Fcontrol 3~  Page 558	Motor protection units 3~  Page 596	Transformer-based controllers 3~  Page 591	Electronic voltage controllers 3~  Page 578
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Airflow direction V

Design Q - square, full bell mouth



Design S - radially bolted, mounting for full bell mouth Q and L



Design I - axial bolted, mounting for bell mouth flange for pipe socket H or full bell mouth Q or L

