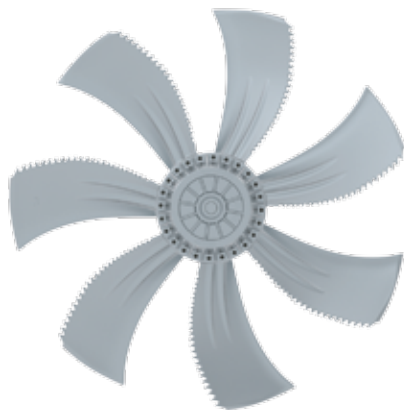




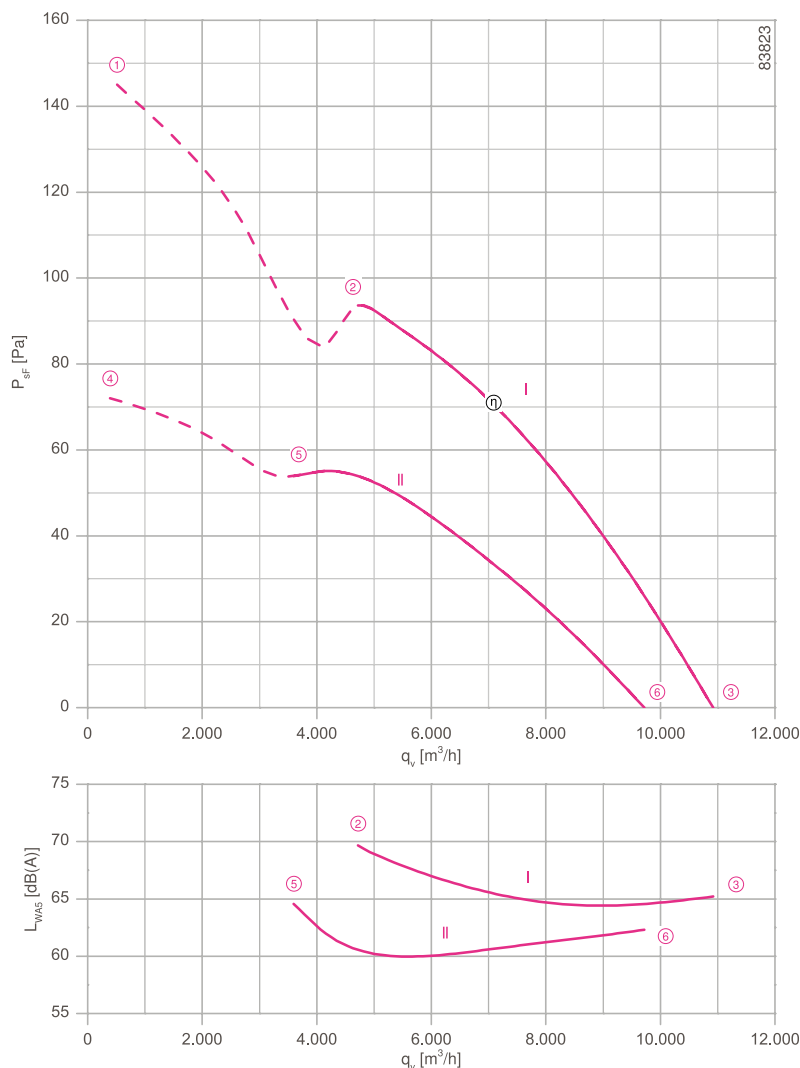
Description

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 : 0.46/0.31 kW*
 Rated current I_N : 1.10/0.60 A*
 Rated speed n_N : 680/540 min⁻¹*
 Starting current I_A : 3.20 A / 0.95 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} : 33.4 %
 Efficiency: $N_{actual} = 42.1 / N_{target} = 40$ **
 * 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



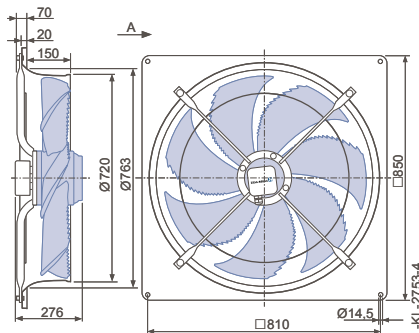
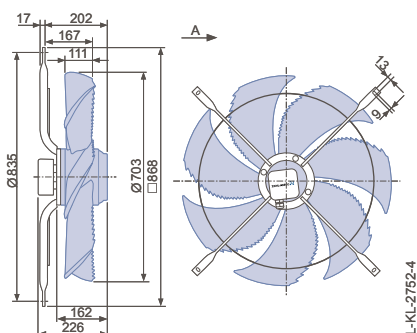
Measured in full bell mouth without guard grille in installation type A according to ISO 5801.

Dimensions [mm]

Airflow direction A

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

Design Q - square, full bell mouth



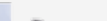
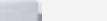
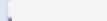
		curve	U [V]	point	I [A]	P ₁ [W]	n [min ⁻¹]	sound power level L _{WA5} [dB]
FN071-AD_6F_7P1	Δ	I	400	①	1.25	580	650	
			400*	②	1.10*	460*	680*	70
			400	③	0.96	300	710	65
	Y	II	400	④	0.70	350	460	
			400*	⑤	0.60*	300*	540*	65
			400	⑥	0.44	210	640	62

*rated data

Fan ordering information

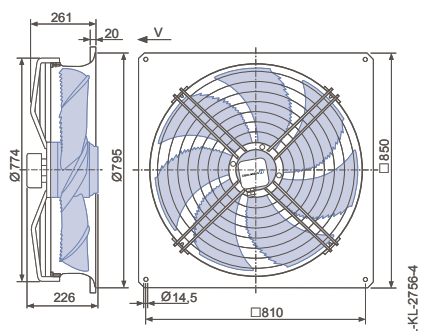
	Airflow direction A		Airflow direction V		
Design	D	Q	Q	S	I
					
Type	FN071-ADD.6F.A7P1	FN071-ADQ.6F.A7P1	FN071-ADQ.6F.V7P1	FN071-ADS.6F.V7P1	FN071-ADI.6F.V7P1
Article no.	141754	141755	141780	141785	141800
Weight [kg]	20.50	31.50	34.30	23.40	23.10

Control technology

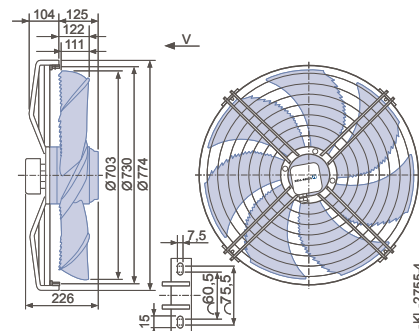
Frequency inverter Fcontrol 3~  ➤ Page 558	Motor protection units 3~  ➤ Page 596	Transformer-based controllers 3~  ➤ Page 591	Electronic voltage controllers 3~  ➤ Page 578
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Airflow direction V

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

