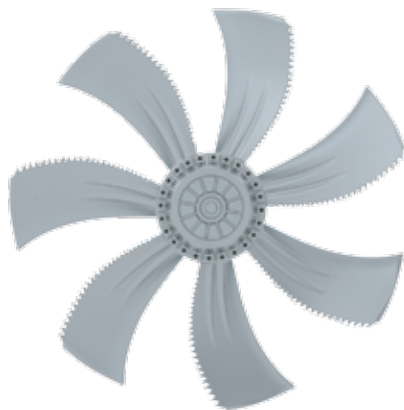




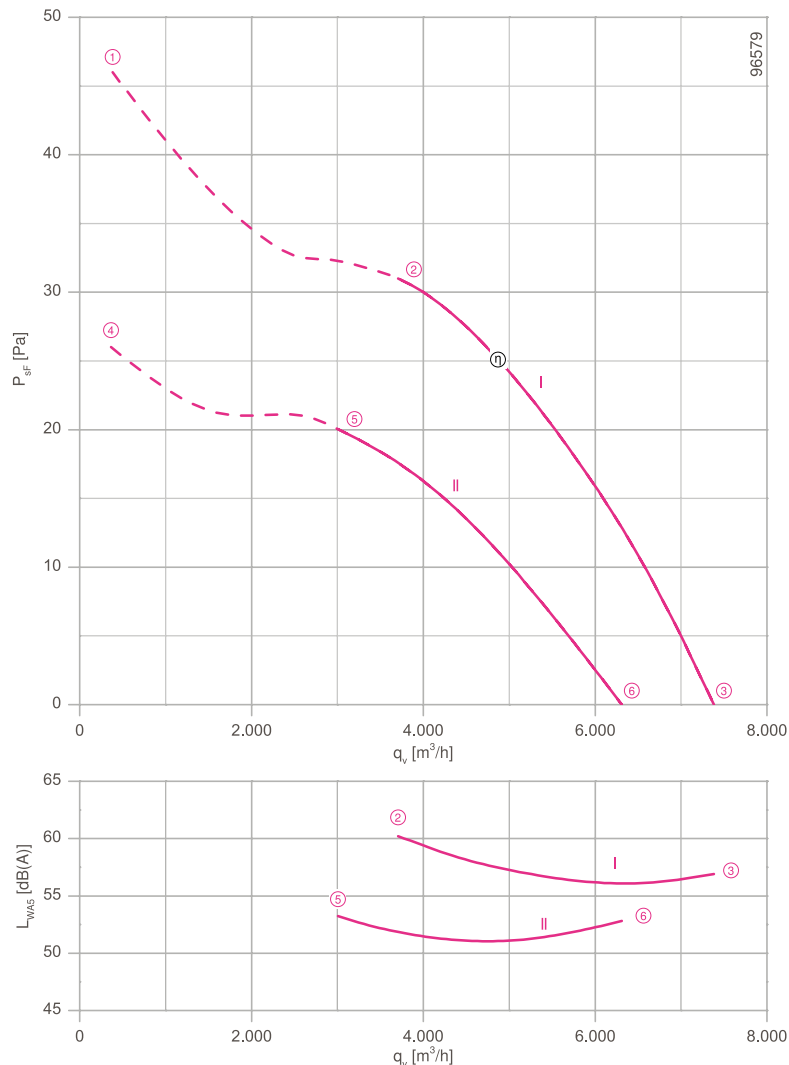
Description

Motor technology: AC
 Rated voltage U_N : 3~ 400 V (Δ/Y) ± 10 %*
 Rated frequency f_N : 50 Hz*
 Motor input power P_1 : 0.14/0.085 kW*
 Rated current I_N : 0.37/0.175 A*
 Rated speed n_N : 440/ 350 min⁻¹*
 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} : 26.4 %
 Efficiency: $N_{actual} = 40.3 / N_{target} = 40$ **
 Frequency inverter required
 * 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

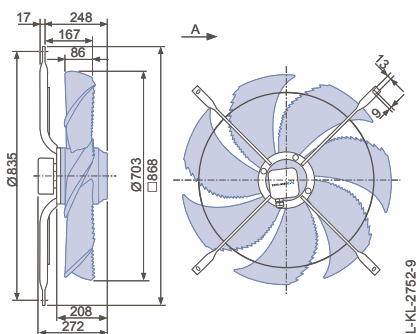


Measured in full bell mouth without guard grille in installation type A according to ISO 5801.

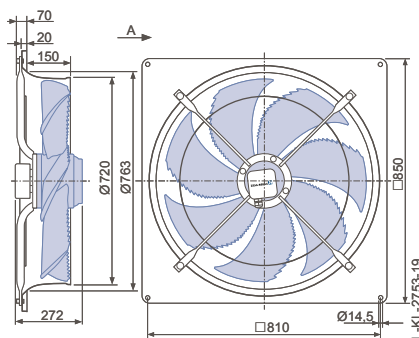
Dimensions [mm]

Airflow direction A

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



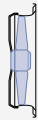
Design Q - square, full bell mouth



		curve	U [V]	point	I [A]	power P ₁ [W]	n [min ⁻¹]	sound power level L _{WA5} [dB]
FN071-ND_6N_7P2	Δ	I	400	①	0.40	160	430	
			400*	②	0.37*	140*	440*	60
			400	③	0.35	110	460	57
	Y	II	400	④	0.19	95	320	
			400*	⑤	0.17*	85*	350*	53
			400	⑥	0.15	70	390	53

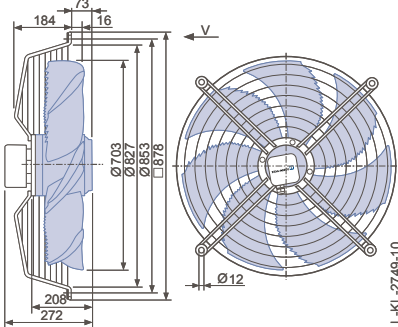
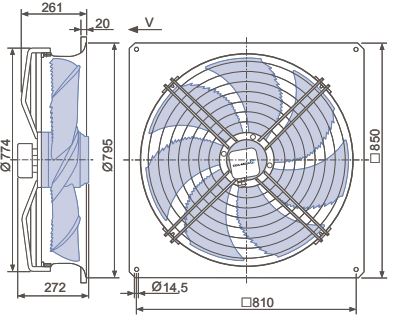
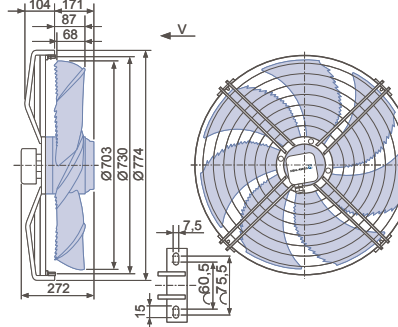
*rated data

Fan ordering information

Airflow direction A			Airflow direction V		
Design	D	Q	K	Q	S
					
Type	FN071-NDD.6N.A7P2	FN071-NDQ.6N.A7P2	FN071-NDK.6N.V7P2	FN071-NDQ.6N.V7P2	FN071-NDS.6N.V7P2
Article no.	160060	160061	160063	160064	160065
Weight [kg]	25.90	36.90	29.60	39.60	28.90

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 K - axial bolted, mounted for short bell mouth E  L-KL-2749-10	Design Q - square, full bell mouth  L-KL-2756-38	Design S - radially bolted, mounting for full bell mouth Q and L  L-KL-2755-35