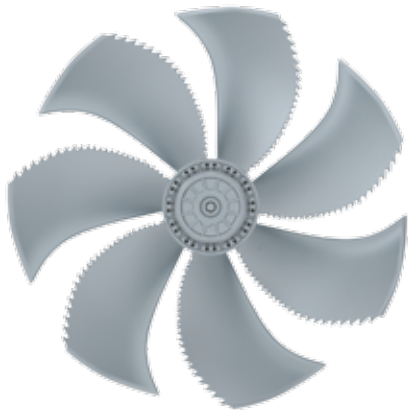




Description

Motor technology: AC
 Rated voltage U_N : 1~ 230 V $\pm$ 10 %*
 Rated frequency f_N : 50 Hz* (60Hz data available)
 Motor input power P_1 : 0.74 kW*
 Rated current I_N : 3.40 A*
 Rated speed n_N : 910 min⁻¹*
 Starting current I_A : 8.00 A
 Current increase ΔI : 5 %
 Service capacitor C_{400V} : 16.0 μ F
 Thermal class: **THCL155***
 Min. permitted conveyor temperature $t_{R(min)}$: -25 °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 2013, CE

ErP Data

Efficiency η_{statA} : 28.8 %
 Efficiency: $N_{actual} = 36.0 / N_{target} = 36$ **

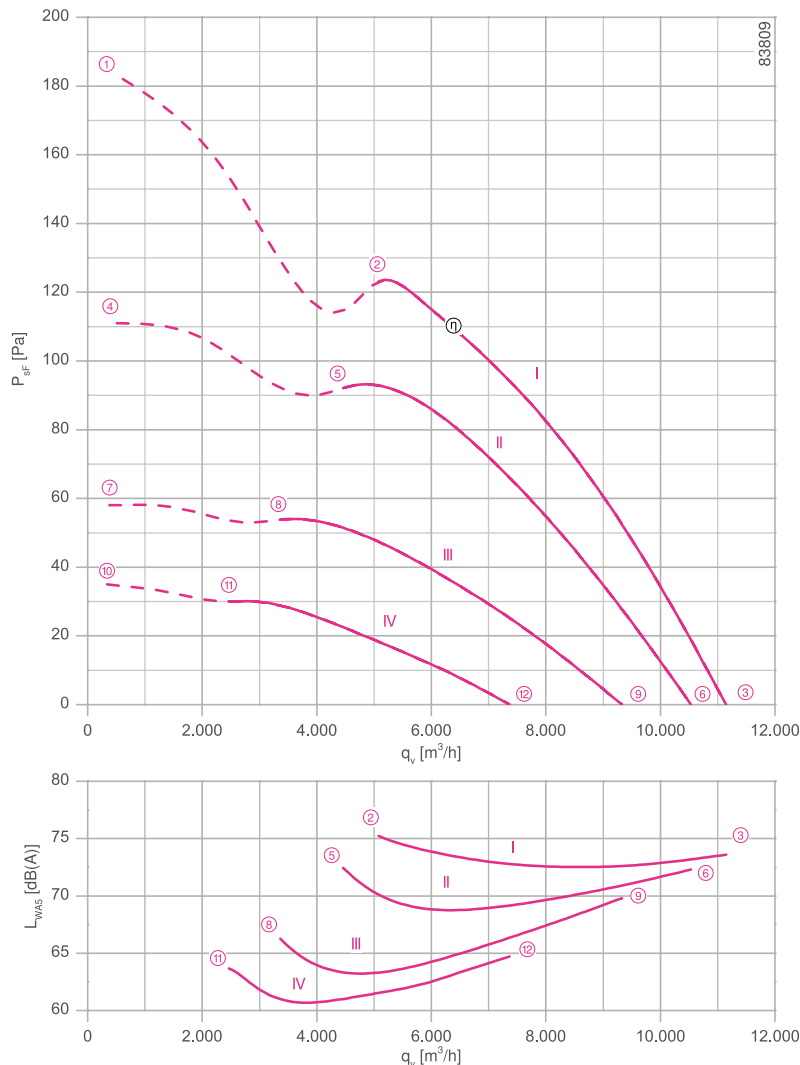
* Rated data

**ErP 2013

➤ Connection diagrams Page 608
 for airflow direction V 1360-104XA
 for airflow direction A 1360-104XB

➤ System components Page 524

Characteristic curve

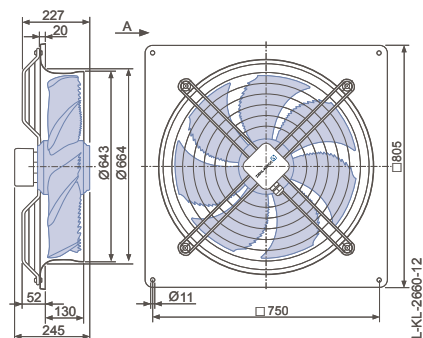


Measured in full bell mouth without guard grille in installation type A according to ISO 5801.

Dimensions [mm]

Airflow direction A

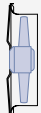
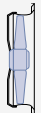
Design Q - square, full bell mouth



	curve	U [V]		I [A]	power P ₁ [W]	n [min ⁻¹]	power level L _{WA5} [dB]
FN063-6E_4M_7P1	I	230	①	4.00	880	870	
		230*	②	3.40*	740*	910*	75
		230	③	2.70	560	950	74
	II	170	④	4.20	660	680	
		170	⑤	3.50	560	800	73
		170	⑥	2.60	420	900	72
	III	135	⑦	3.70	460	490	
		135	⑧	3.50	440	610	66
		135	⑨	2.80	360	790	70
	IV	110	⑩	3.20	310	380	
		110	⑪	3.10	310	450	64
		110	⑫	2.80	290	630	65

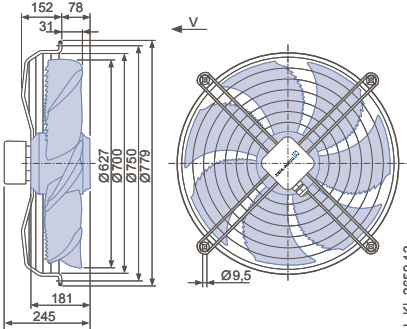
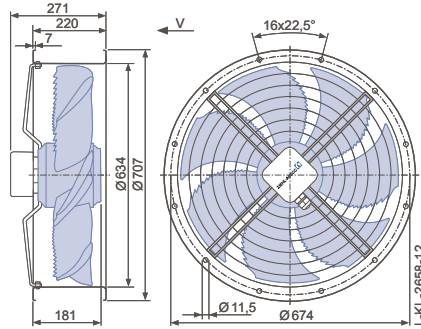
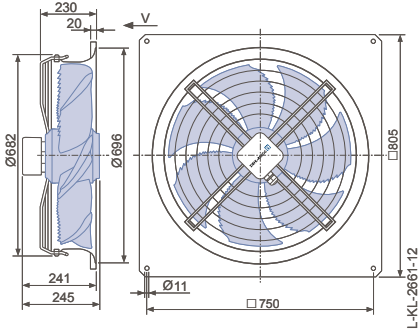
*rated data

Fan ordering information

Airflow direction A				Airflow direction V			
Design	Q			K	F (with contact protection)	Q	
							
Type	FN063-6EQ.4M.A7P1			FN063-6EK.4M.V7P1	FN063-6EF.4M.V7P1	FN063-6EQ.4M.V7P1	
Article no.	141737			141739	141741	141740	
Weight [kg]	26.70			18.80	23.20	27.00	

Control technology

Frequency inverter Fcontrol 1~  Page 552	Motor protection units 1~  Page 596	Transformer-based controllers 1~  Page 587	Electronic voltage controllers 1~  Page 562
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Airflow direction V			
Design K - axial bolted, mounted for short bell mouth E  L-KL-2659-12	Design F - flange ring with two flanges and guard grille  L-KL-2658-12	Design Q - square, full bell mouth  L-KL-2661-12	