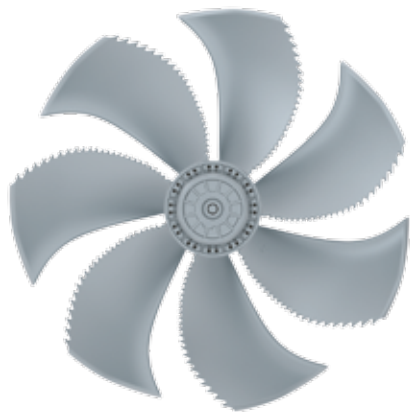




Description

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 : 0.62/0.44 kW*

Rated current I_N : 1.25/0.72 A*

Rated speed n_N : 900/ 720 min⁻¹*

Starting current I_A : 4.40 A / 1.40 A

Current increase ΔI : 15 %

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

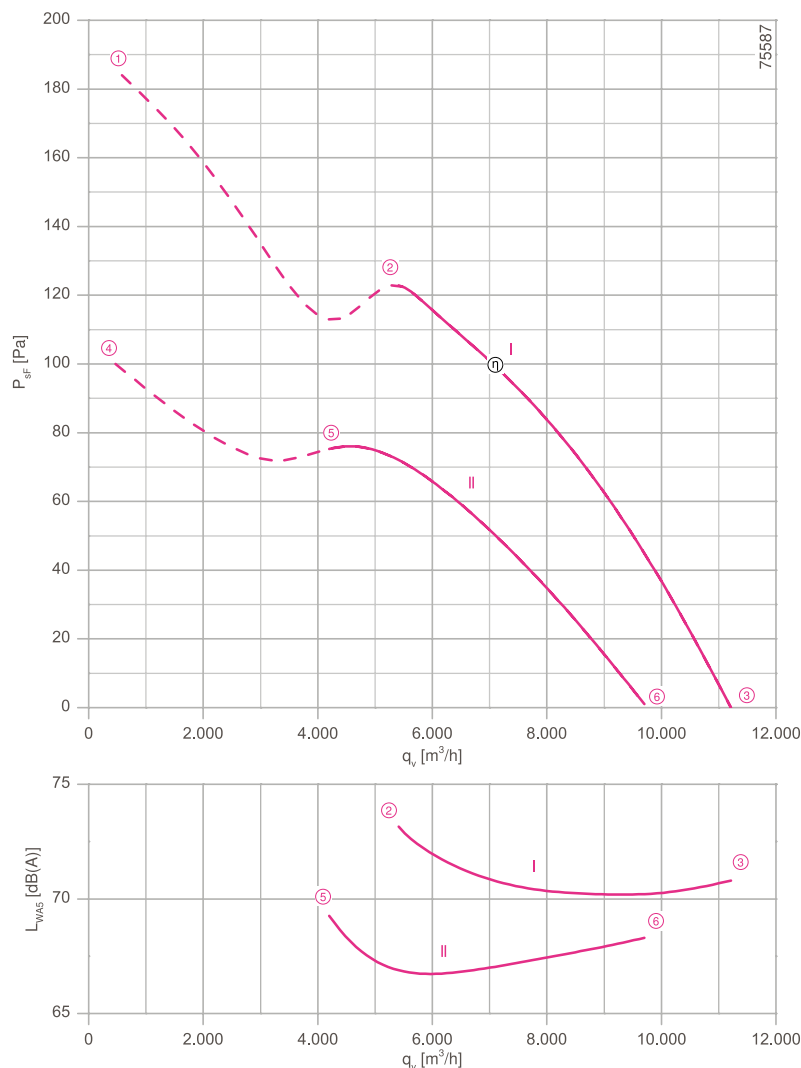
Efficiency η_{statA} : 33.8 %

Efficiency: $N_{actual} = 41.6 / N_{target} = 40$ **

* Rated data

**ErP 2015

Characteristic curve



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

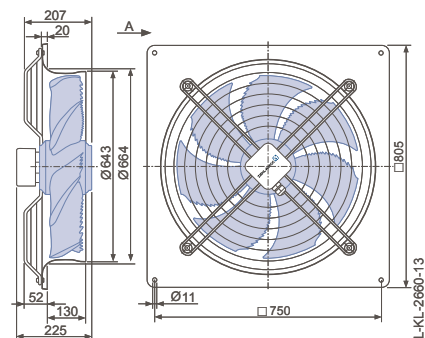
➤ Connection diagrams Page 608
for airflow direction V 1360-108XA
for airflow direction A 1360-108XB

➤ System components Page 524

Dimensions [mm]

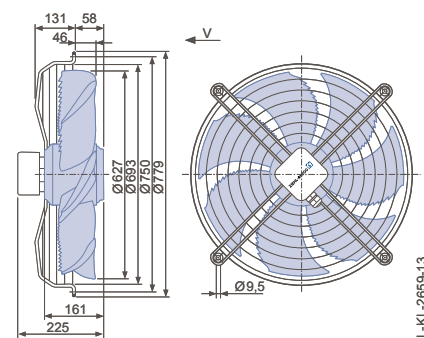
Airflow direction A

Design Q - square, full bell mouth



Airflow direction V

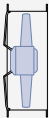
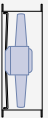
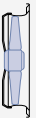
Design K - axial bolted, mounted for short bell mouth E



		curve	U [V]	point	I [A]	power P ₁ [W]	n [min ⁻¹]	sound power level L _{WA5} [dB]
FN063-SD_4I_7P1	Δ	I	400	①	1.45	800	870	
			400*	②	1.25*	620*	900*	73
			400	③	1.05	440	940	71
	Y	II	400	④	0.86	520	640	
			400*	⑤	0.74*	440*	720*	69
			400	⑥	0.56	330	820	68

*rated data

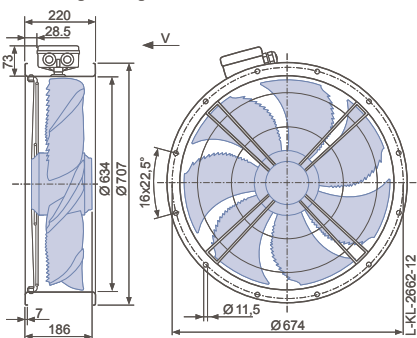
Fan ordering information

Airflow direction A			Airflow direction V		
Design	Q		K	F (without contact protection)	F (with contact protection) Q
					 
Type	FN063-SDQ.4I.A7P1		FN063-SDK.4I.V7P1	FN063-SDF.4I.V7P1	FN063-SDF.4I.V7P1 FN063-SDQ.4I.V7P1
Article no.	141382		141384	141386	141387 141385
Weight [kg]	24.50		15.40	19.90	20.80 23.90

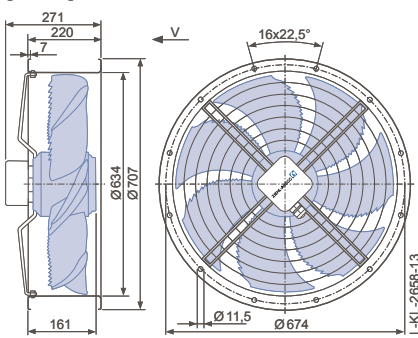
Control technology

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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Design F - flange ring with two flanges without guard grille



Design F - flange ring with two flanges and guard grille



Design Q - square, full bell mouth

