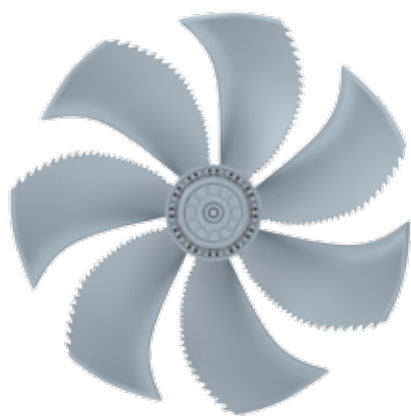


FE2owlet

for three phase alternating current, 6-6 pole

FN063-SD



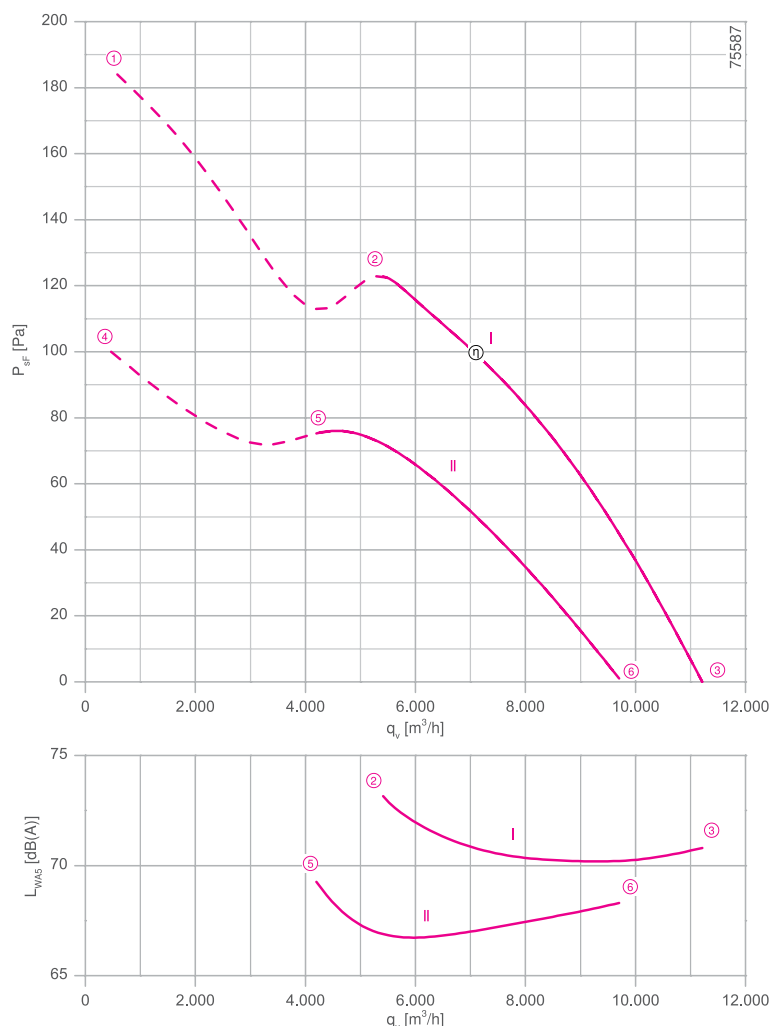
Description

Motor technology: AC
Rated voltage U_N : 3~ 400 V (Δ/Y) ± 10 %
Rated frequency f_N : 50 Hz* (60Hz data available)
Input power P_i : 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 / 1.40 A
Current increase ΔI : 15 %
Thermal class: THCL155*
Min. permitted ambient temperature $t_{R(min)}$: -40 °C
Max. permitted ambient 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

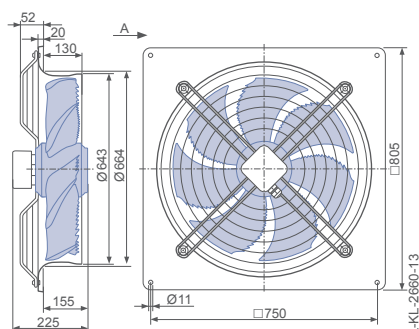
Connection diagram Page 531
for airflow direction A 1360-108XB
for airflow direction V 1360-108XA

System components Page 430

Dimensions mm

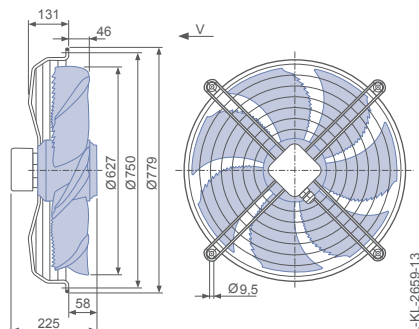
Airflow direction A

Design Q - square full bell mouth, guard grille suction side

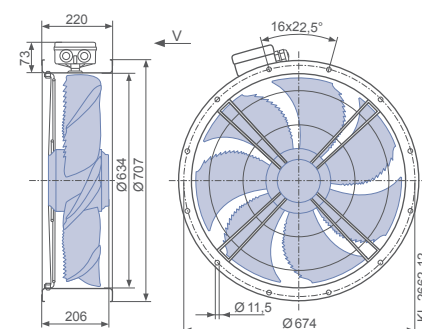


Airflow direction V

Design K - axial bolted, mounted for short bell mouth, guard grille pressure side



Design F - flange ring with two flanges, without guard grille



Performance data

Type	Connection	Characteristic curve	Voltage	Operating point	Current	Input power	Speed	Suction side sound power level
			U V		I A	P ₁ W	n min ⁻¹	L _{WA5} dB(A)
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	0.72*	440*	720*	69
			400	⑥	0.56	330	820	68

*rated data

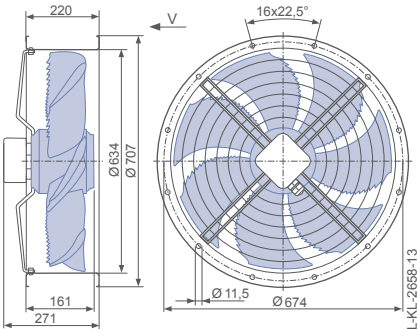
Fan ordering information

Airflow direction A		Airflow direction V			
Design	Q (guard grille suction side)	K (guard grille pressure side)	F (without guard grille)	F (guard grille pressure side)	Q (guard grille pressure side)
					
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 inverters Fcontrol 3~	Motor protection units 3~	Electronic voltage controllers 3~
		
Page 480	Page 518	Page 506

Design F - flange ring with two flanges, guard grille pressure side



Design Q - square full bell mouth, guard grille pressure side

