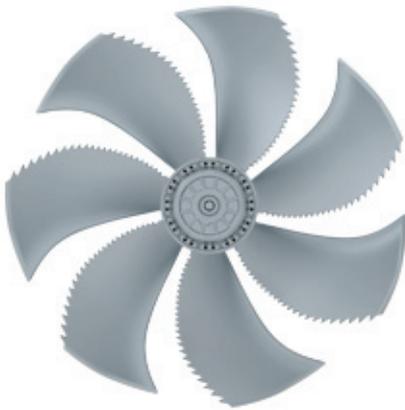


FE2owlet

for three phase alternating current, 6-6 pole

FN063-SD



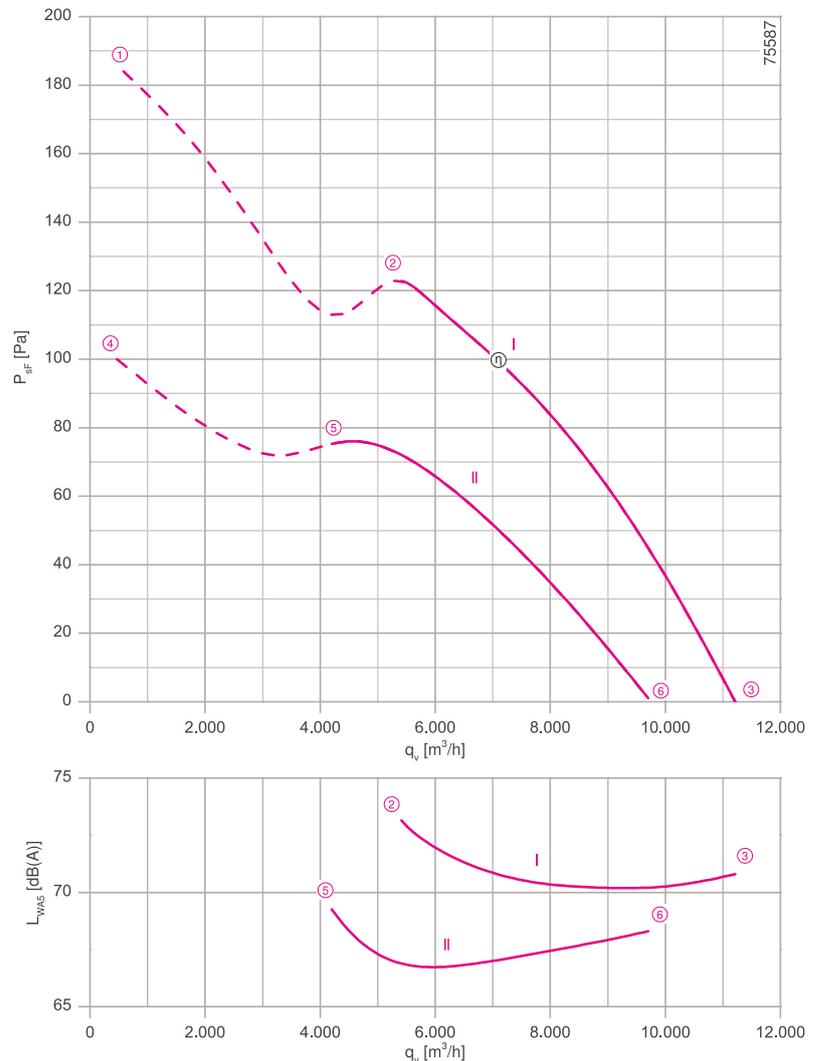
Description

Motor technology: AC
 Rated voltage U_N : 3- 400 V (Δ/Y) $\pm 10\%$ *
 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_s : 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

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

➤ System components Page 524

Characteristic curve

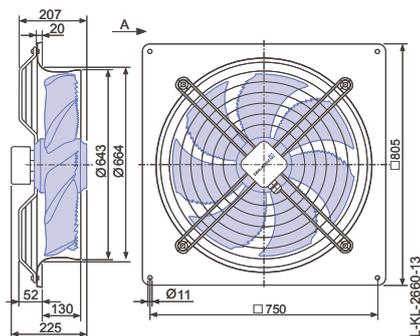


Measured in full bell mouth without guard grille in installation type A according to ISO 5801.

Dimensions [mm]

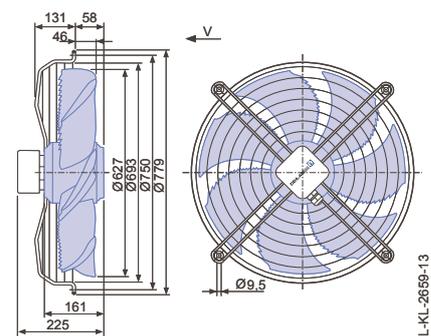
Airflow direction A

Design Q - square, full bell mouth



Airflow direction V

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

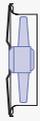
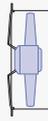
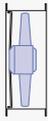


Performance data

Type	Connection	Characteristic curve	Voltage	Operating point	Current	Motor input power	Speed	Suction side sound power level
			U [V]					
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

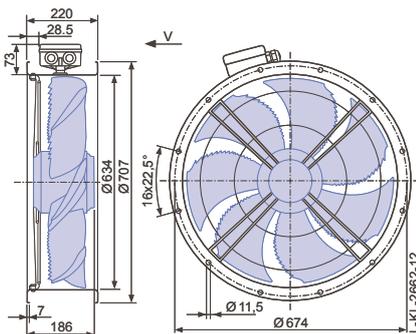
Fan ordering information

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

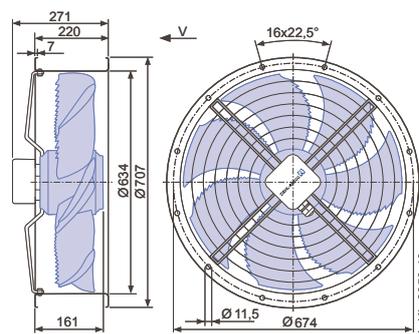
Control technology

<p>Frequency inverter Fcontrol 3~</p>  <p>➤ Page 558</p>	<p>Motor protection units 3~</p>  <p>➤ Page 596</p>	<p>Transformer-based controllers 3~</p>  <p>➤ Page 591</p>	<p>Electronic voltage controllers 3~</p>  <p>➤ Page 578</p>
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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

