

FANselect

general description

30.10.2018

version FANselect V 1.01 (181026), AMCA V 1.02 April, 2018 / 1.18.10.26 | 60407 | (user ZAFS50407)

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FN063-6EK.4I.V7P1 | 167972 | Portfolio STD-WW | FE2owlet AC ERM

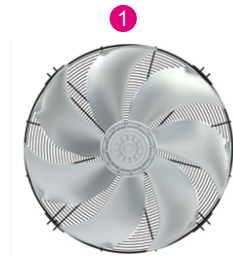
Range FN

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fan data

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type	FN063-6EK.4I.V7P1
article no.	167972 Portfolio STD-WW

technical data

motor		AC ERM
mains supply	-	1~ 230V 50Hz
nominal current (I_N)	A	3.00
capacitor (C_{400V})	μF	12.0
ambient temperature, max. limit (t_r)	$^{\circ}C$	70
efficiency grade η_{statA}	%	32,2
efficiency grade N_{actual} N_{target}		40,0 40
ErP-conformity		2015
grille influence		pressure side not measured

fan data

fan speed (n) max. (n_{max})	1/min	- 943
frequency (f_{BP}) (f_{max})	Hz	50 60
product weight (m_{pr})	kg	15.4

PF:PF_00; Ano:167972; STol:+-10 %

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performance curve / acoustics

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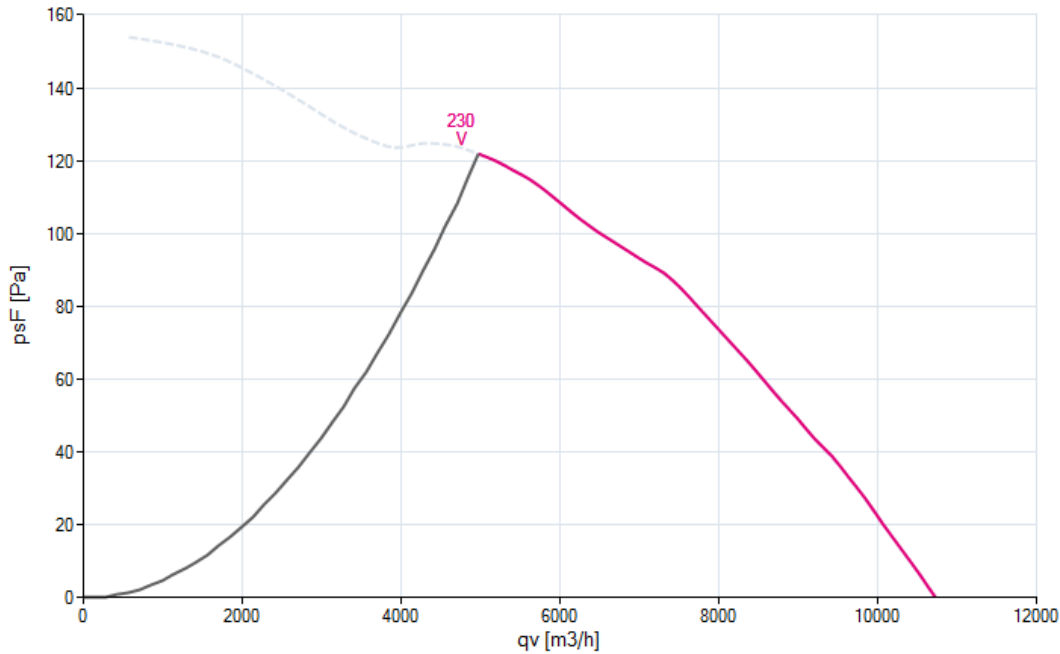
1 FN063-6EK.4I.V7P1

Measured with full nozzle without guard grille with airflow direction V and installation type A according to ISO 5801

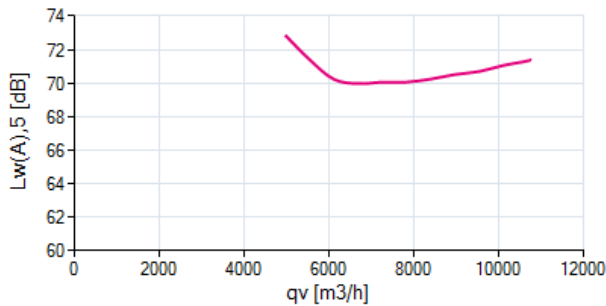
167972 | Portfolio STD-WWW

measurement density 1.16 [kg/m³]

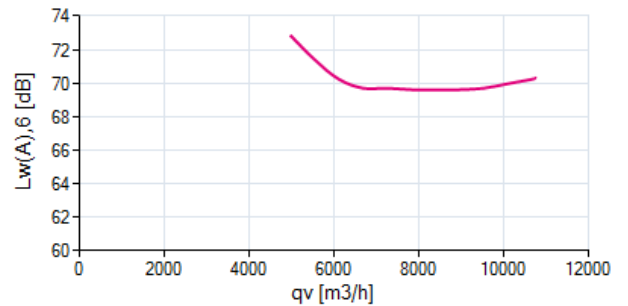
air performance p_{sF}



acoustics ($L_{w(A),5}$)



acoustics ($L_{w(A),6}$)



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f [Hz]	sum	63	125	250	500	1000	2000	4000	8000
$L_{w(A),5}$	-	-	-	-	-	-	-	-	-
$L_{w,5}$	-	-	-	-	-	-	-	-	-

f [Hz]	sum	63	125	250	500	1000	2000	4000	8000
$L_{w(A),6}$	-	-	-	-	-	-	-	-	-
$L_{w,6}$	-	-	-	-	-	-	-	-	-

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efficiency grade / power input

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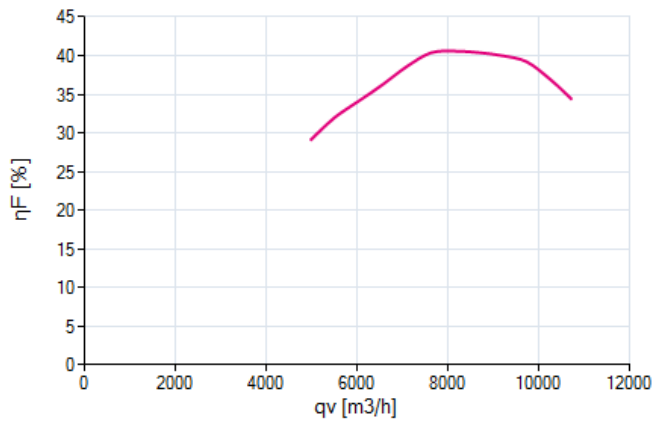
FN063-6EK.4I.V7P1

Measured with full nozzle without guard grille with airflow direction V and installation type A according to ISO 5801

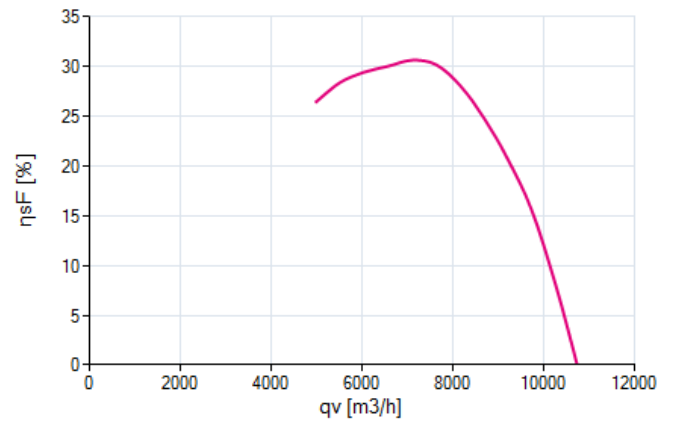
167972 | Portfolio STD-WW

measurement density 1.16 [kg/m³]

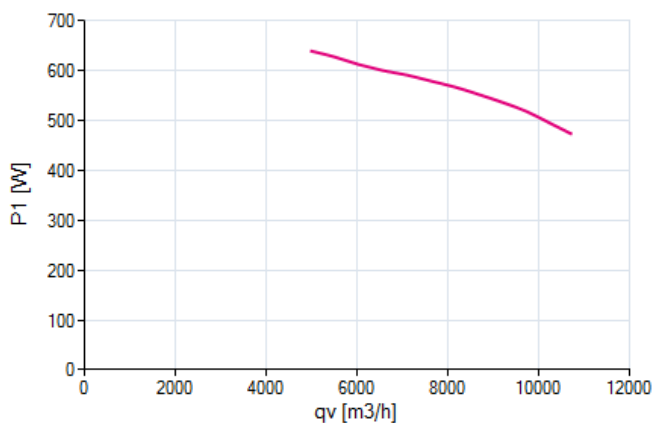
efficiency grade η_F



efficiency grade η_{sF}



power input P_1



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nominal values

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1~ 230V +10/-10 50Hz P1 0.66kW
 3.00A DI=0% 860/MIN 12.0µF/400V 70°C
 1~ 230V +10/-10 60Hz P1 0.82kW
 3.80A DI=0% 830/MIN 12.0µF/400V 40°C
 IP54 THCL155

drawing

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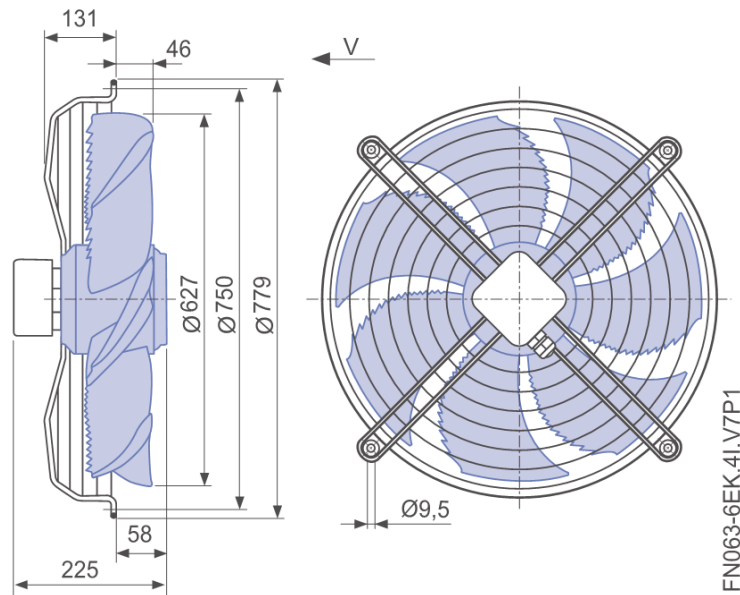
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wiring diagram

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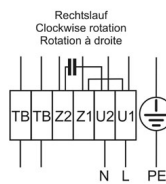
FN063-6EK.4I.V7P1

167972

1-Motor mit Kondensator und Thermostatschalter
 (falls eingebaut).
 1-Motor with capacitor and thermostatic switch
 (if built in).
 Moteur monophasé avec condensateur et interrupteur
 thermostatique (si incorporé).

U1	braun	brown	brun
U2	blau	blue	bleu
Z1	schwarz	black	noir
Z2	orange	orange	orangé
TB	weiß	white	blanc

104XA-02



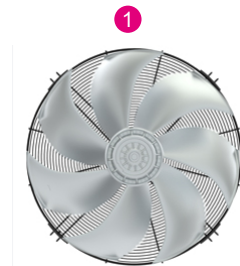
Anschlussschaltbild im Anschlusskasten aufbewahren.
 Keep wiring diagram in terminal box.
 Conserver le schéma de raccordement dans la boîte à bornes.

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system components

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type	FN063-6EK.4I.V7P1
article no.	167972

mechanical component	capacitor housing
	type: GC10
	article no.: 00264071
	capacitor housing
	type: GC12
	article no.: 00264072
	capacitor housing
type: GC1,5	
article no.: 00266159	