

# FANselect

## general description

17.06.2019

version FANselect V 1.01 (190613), AMCA V 1.03 February, 2019 / 1.19.06.13 | 60407 | (user ZAFS50407)

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**FN063-SDK.4I.V7P1 | 141384 | Portfolio STD-WW | FE2owlet AC ERM**

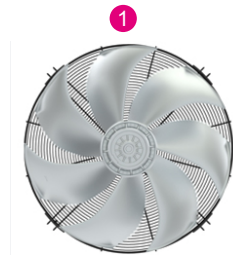
### Range FN

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## fan data

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type	<b>FN063-SDK.4I.V7P1</b>
article no.	141384   Portfolio STD-WW

### technical data

motor		AC ERM
mains supply	-	3~ 400V 50Hz D
nominal current ( $I_N$ )	A	1.25
ambient temperature, max. limit ( $t_r$ )	°C	70
efficiency grade $\eta_{statA}$	%	33,8
efficiency grade $N_{actual}$   $N_{target}$		<b>41,6</b>   40
ErP-conformity		2015
grille   influence		pressure side   measured

### fan data

frequency ( $f_{BP}$ )   ( $f_{max}$ )	Hz	<b>50</b>   60
product weight ( $m_{pr}$ )	kg	15.4

PF:PF\_00; Ano:141384; STol:+-10 %

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## performance curve / acoustics

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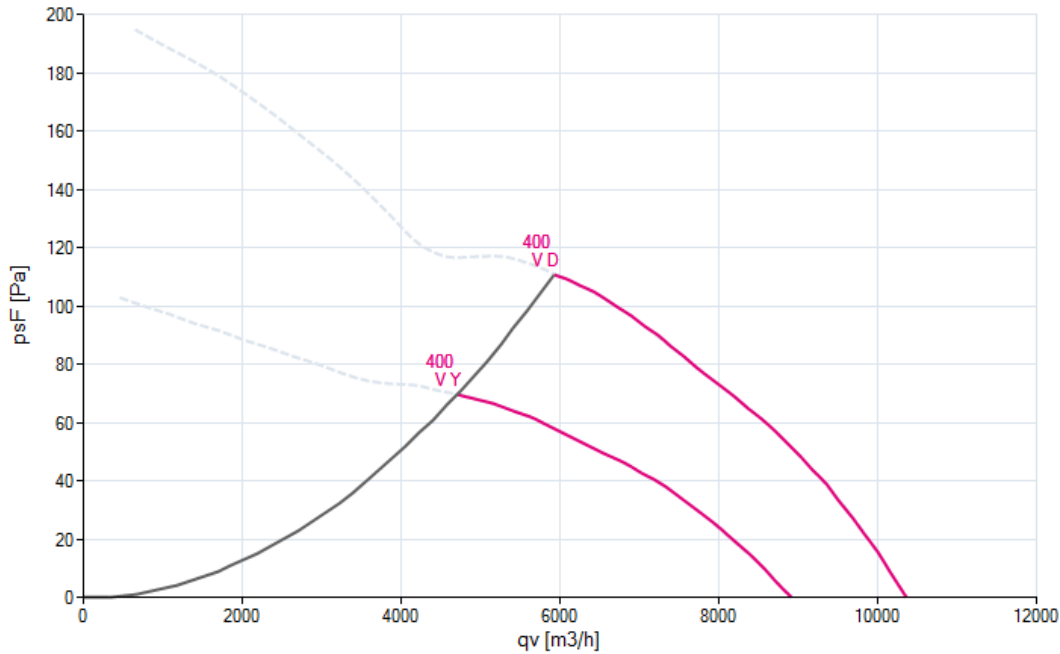
**1 FN063-SDK.4I.V7P1**

Measured in short nozzle with guard grille on pressure side with airflow direction V in installation type A according to ISO 5801

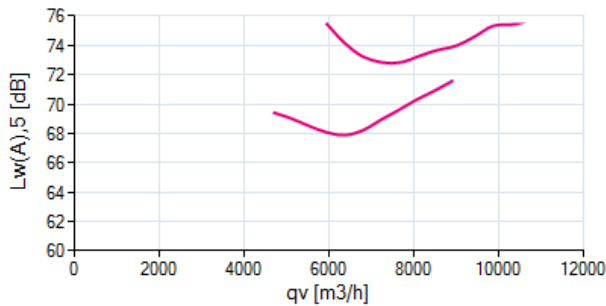
141384 | Portfolio STD-WW

measurement density 1.16 [kg/m³]

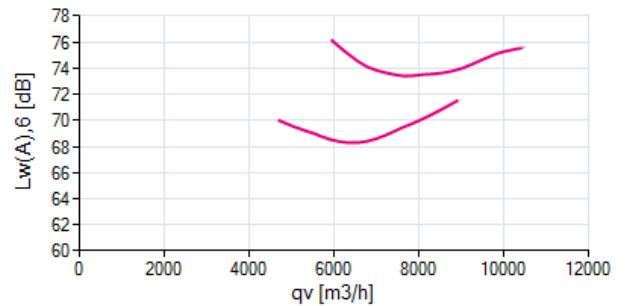
### air performance $p_{sF}$



### 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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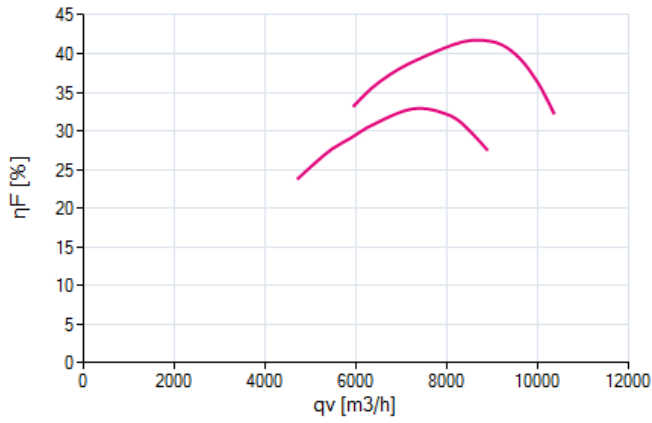
**FN063-SDK.4I.V7P1**

Measured in short nozzle with guard grille on pressure side with airflow direction V in installation type A according to ISO 5801

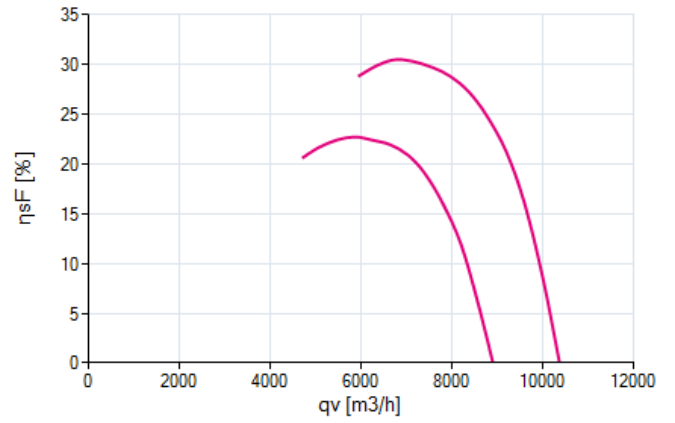
141384 | Portfolio STD-WW

measurement density 1.16 [kg/m³]

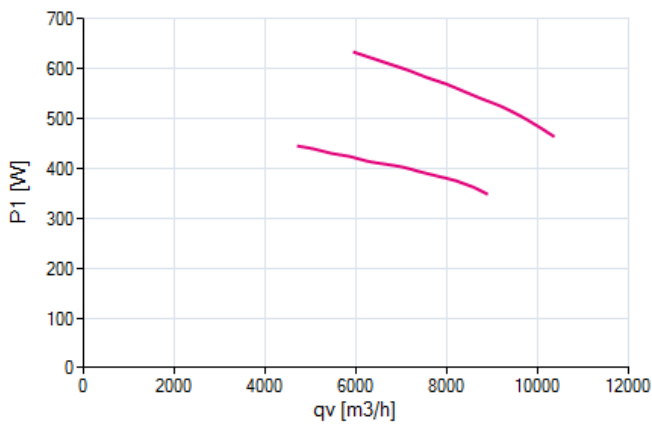
efficiency grade  $\eta_F$



efficiency grade  $\eta_{sF}$



power input  $P_1$



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## nominal values

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3~ 400V +10/-10 D/Y 50Hz P1 0.62/0.44kW P2 0.45/0.23kW  
 1.25/0.72A DI=15% 900/720/MIN COSY 0.72 70°C  
 3~ 400V +10/-10 D/Y 60Hz P1 0.94/0.52kW P2 0.58/0.16kW  
 1.60/0.88A DI=5% 980/640/MIN COSY 0.85 50°C  
 3~ 460V +10/-10 D/Y 60Hz P1 1.00/0.64kW P2 0.70/0.24kW  
 1.55/0.94A DI=5% 1040/730/MIN COSY 0.82 50°C  
 IP54 THCL155

## drawing

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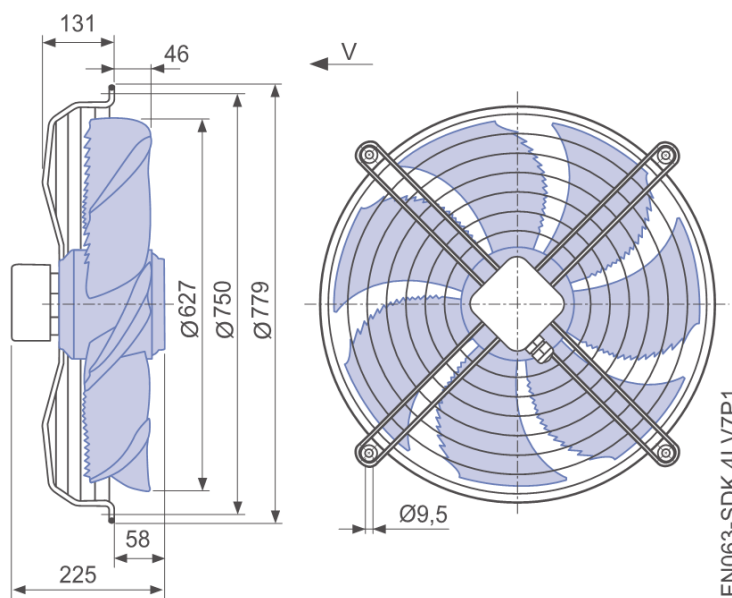
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## wiring diagram

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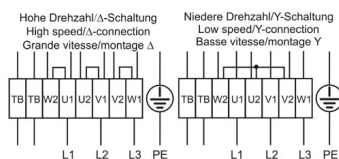
3~ Motor mit 2 Drehzahlen(Δ/Y-Umschaltung) und Thermostatschalter (falls eingebaut). Ohne Brücke bei Verwendung von Drehzahlumschalter.

3~ motor, 2 speeds (Δ/Y switch over) with thermostatic switch (if built in). Without bridge when using speed change-over switch.

Moteur triphasé à 2 vitesses (Δ/Y-commutation) avec interrupteur thermostatique (si incorporé). Les pièce de connexion sont à supprimer avec l'utilisation d'un commutateur de vitesse.

U1	braun	brown	brun
V1	blau	blue	bleu
W1	schwarz	black	noir
U2	rot	red	rouge
V2	grau	grey	gris
W2	orange	orange	orangé
TB	weiß	white	blanc

108XA-02



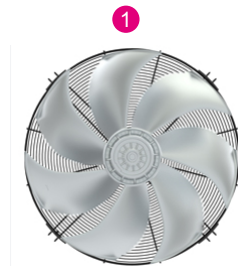
Anschlussschaltbild im Anschlusskasten aufbewahren.  
 Keep wiring diagram in terminal box.  
 Conserver le schéma de raccordement dans la boîte à bornes.

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system components

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