

FANselect

general description

12.04.2019

version FANselect V 1.01 (190412), AMCA V 1.03 February, 2019 / 1.19.04.12 | 60407 | (user ZAFS50407)

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FN080-SDA.6N.V7 | 138298 | Portfolio STD-WW | FE2owlet AC ERM

Range FN

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fan data

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type	FN080-SDA.6N.V7	
article no.	138298 Portfolio STD-WW	
note	-	design "A" - please check for additional components

technical data

motor	AC ERM	
mains supply	-	3~ 400V 50Hz D
nominal current (I_N)	A	3.90
ambient temperature, max. limit (t_r)	°C	65
efficiency grade η_{statA}	%	36,8
efficiency grade N_{actual} N_{target}	41,5 40	
ErP-conformity	2015	
grille influence	without	

fan data

frequency (f_{BP}) (f_{max})	Hz	50 50
product weight (m_{pr})	kg	29.2

PF:PF_00; Ano:138298; STol:+-10 %

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performance curve / acoustics

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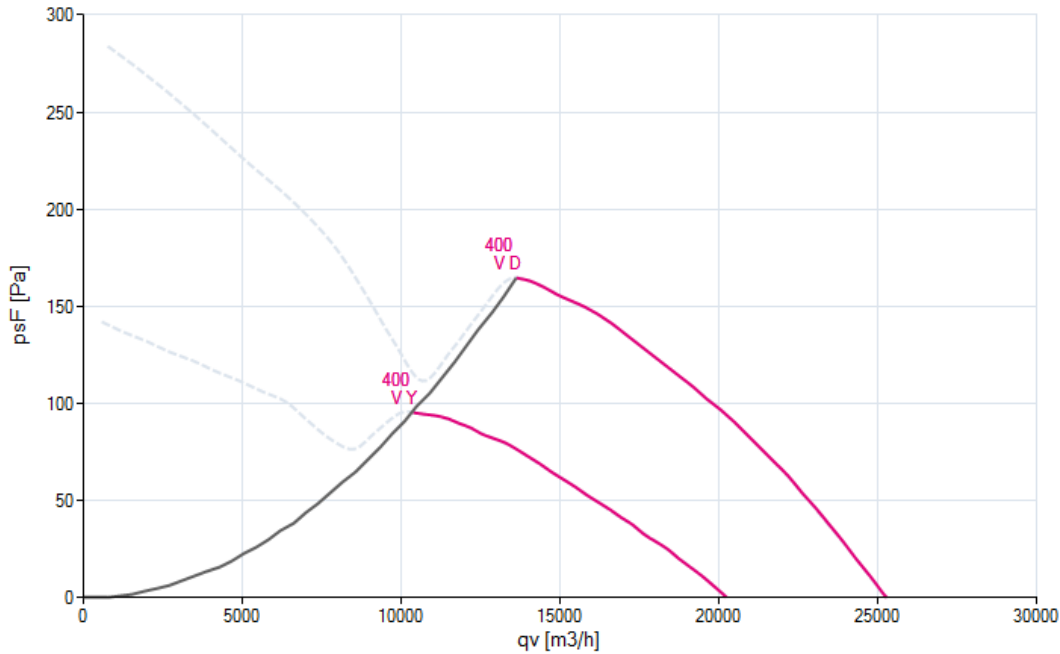
1 FN080-SDA.6N.V7

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

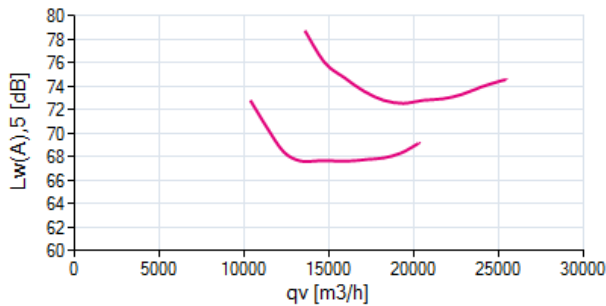
138298 | Portfolio STD-WW

measurement density 1.16 [kg/m³]

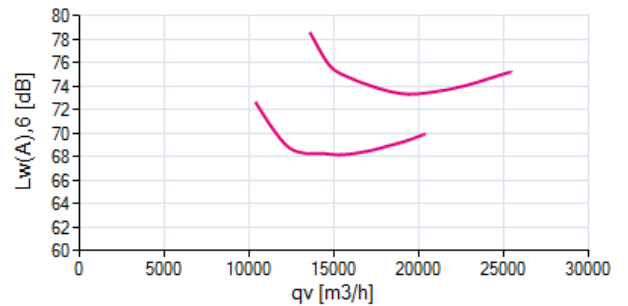
air performance p_{sF}



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



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



1 FN080-SDA.6N.V7

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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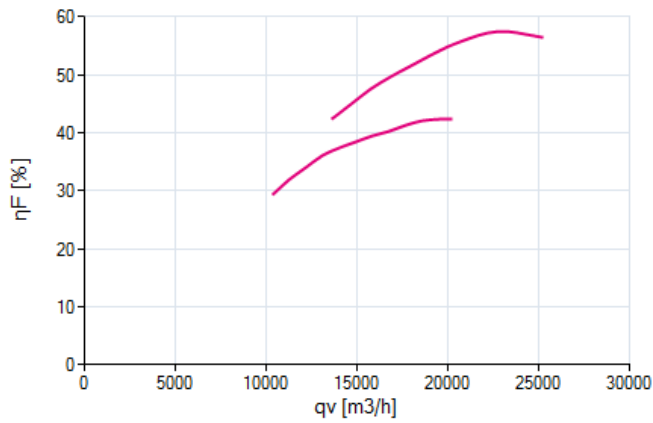
FN080-SDA.6N.V7

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

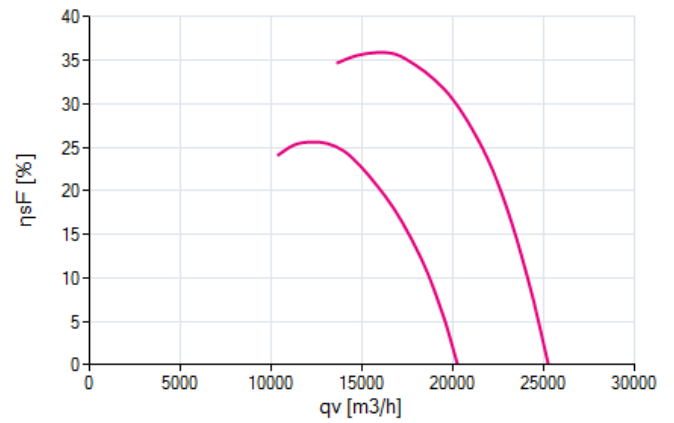
138298 | Portfolio STD-WW

measurement density 1.16 [kg/m³]

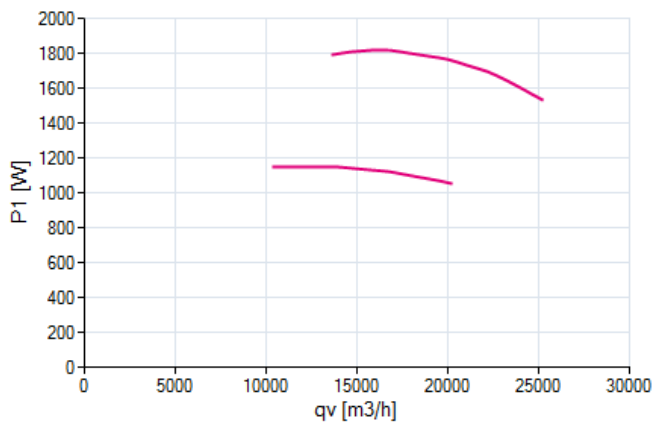
efficiency grade η_F



efficiency grade η_{sF}



power input P_1



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nominal values

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3~ 400V D/Y 50Hz P1 1.80/1.15kW P2 1.35/0.65kW
3.90/2.20A DI=5% 900/700/MIN COSY 0.68 65°C
IP54 THCL155

drawing

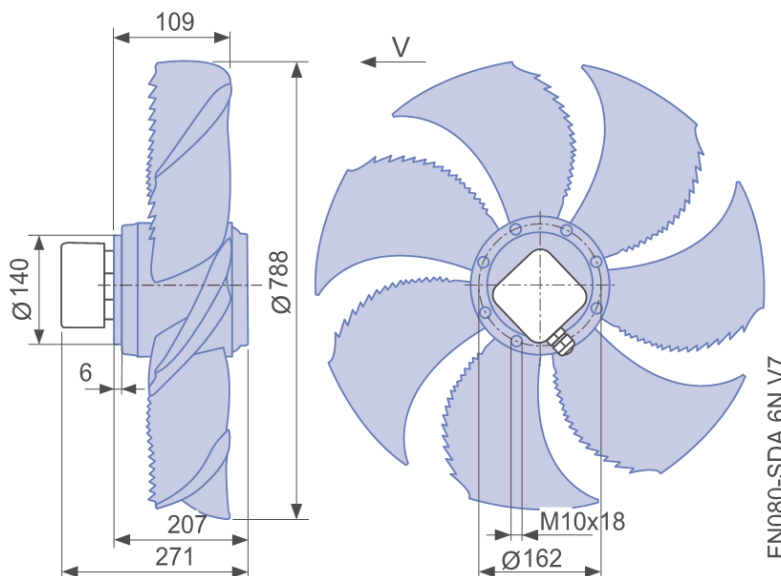
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wiring diagram

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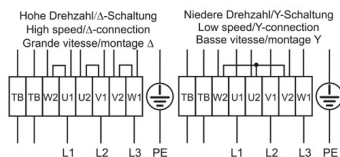
3~ Motor mit 2 Drehzahlen(Δ /Y-Umschaltung) und Thermostatschalter (falls eingebaut). Ohne Brücke bei Verwendung von Drehzahlumschalter.

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



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

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system components

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type	FN080-SDA.6N.V7
article no.	138298

mechanical component backdraft fan shutter
type: SVK800
article no.: 00264387