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FN080-ADQ.6N.V7P5 | 168899 | Portfolio Europe | FE2owlet AC

Technical Description FE2owlet

Range FN

Standard design with AC-motor

- Profiled, sickle shaped blades designed with bionical know how
- Sizes 310 ... 800 mm (in 9 standard sizes)
- Optimized for full bell mouth
- 100% speed controllable
- ZIEHL-ABEGG FE2owlet fans can be used from -40°C* up to 70°C.

Mains voltage:

- 3~ zweitourig 400 V ±10% D/Y
- 3~ zweitourig 400/460 V ±10% D/Y

Frequenz:

- 50 Hz
- 60 Hz

Thermal class:

- THCL 155

Protection:

- IP54

Motor protection:

- Thermostat relay (TB)

Material of impeller:

- Aluminium die-cast

Painting:

- Fan in color RAL 9005 deep black
- Wall ring plate and suspension in color RAL 9005 deep black

On request:

- Different paintings
- Fan designs

***Continuous operation with occasional starts (S1) according to DIN EN 60034-1: 2011-02. Occasional starting between -35 ° C and -25 ° C is permissible. Permanent operation below -25 ° C only possible with special bearings for refrigeration applications on request.**



données ventilateur

08.01.2025

version FANselect V 1.01 (250108), AMCA V 1.03 September, 2021
RLT V 1.00 Dezember, 2021 / 1.25.01.08 | 1340 | (utilisateur chesneau)



type	FN080-ADQ.6N.V7P5
n°article	168899 Portfolio Europe

caractéristiques

moteur		AC
tension principale	-	3~ 400V 50Hz D
intensité nominale (I _N)	A	2.20
température ambiante (t _r)	°C	70
rendement η _{statA}	%	33,1
Rendement N _{actual} N _{target}		40,1 40
classe ErP		2015
grille influence		pressure side measured

données ventilateur

frequence (f _{BP}) (f _{max})	Hz	50 60
dimensions (Lxlxh)	mm	970 x 970 x 283
poids (m _{pr})	kg	42.6

PF:PF_61; Ano:168899; STol:+-10 %



courbe debit/pression / Acoustic

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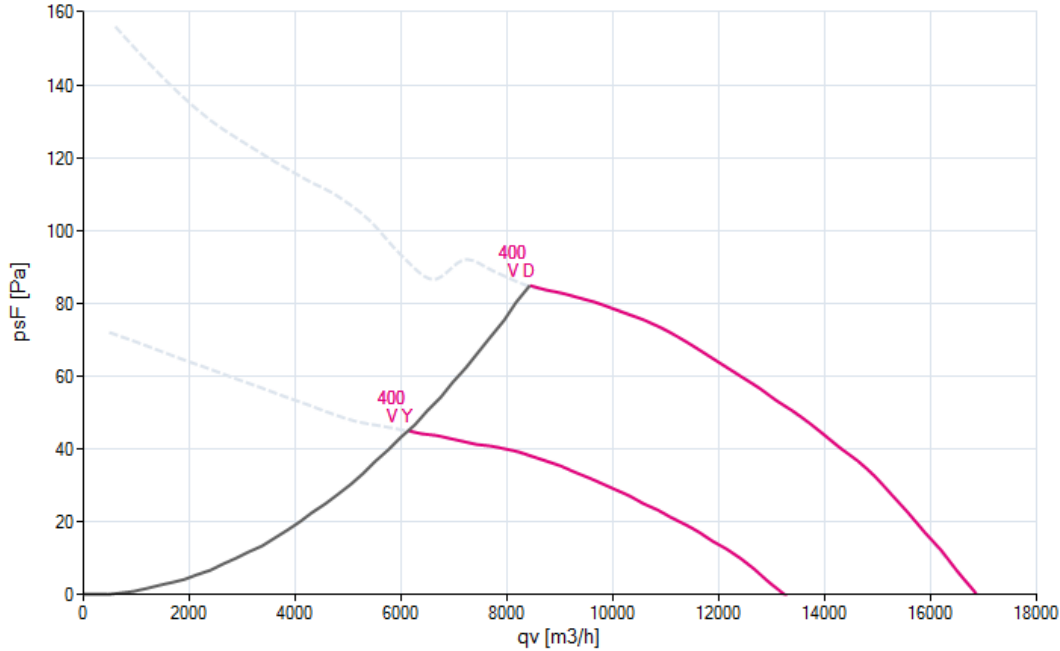
FN080-ADQ.6N.V7P5

Measured in full nozzle with pressure side guard grille in air flow direction V in installation type A according to ISO5801

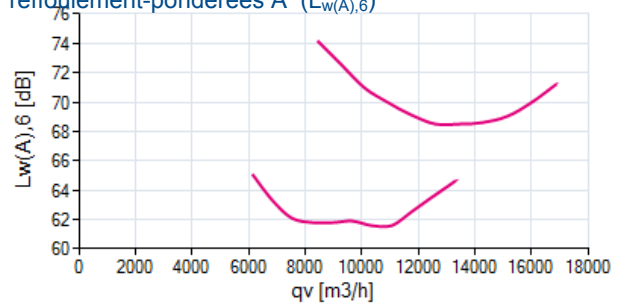
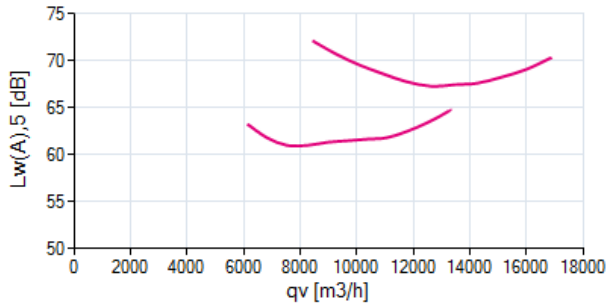
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densité de mesure 1.15 [kg/m³]

Performance aéraulique p_{sF}



niveau de puissance acoustique côté aspiration-pondérées A (Niveau de puissance acoustique côté refoulement-pondérées A ($L_{w(A),6}$))



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



rendement / puissance

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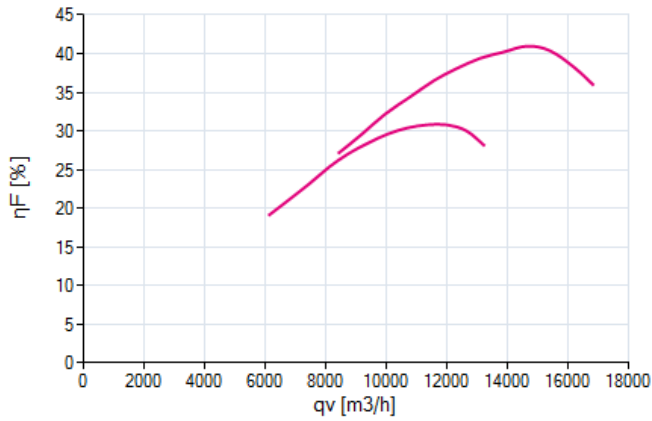
FN080-ADQ.6N.V7P5

Measured in full nozzle with pressure side guard grille in air flow direction V in installation type A according to ISO5801

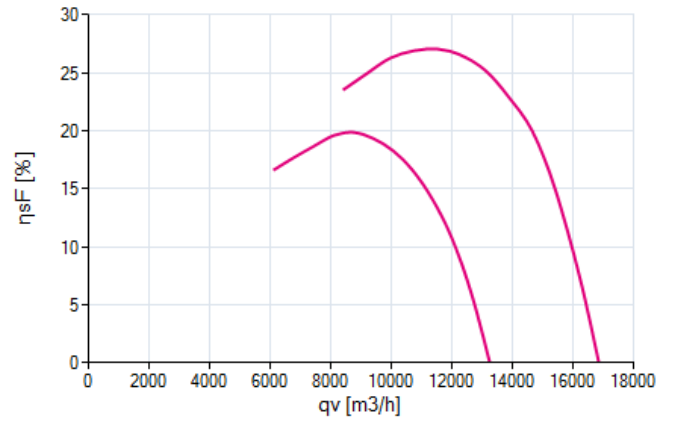
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densité de mesure 1.15 [kg/m³]

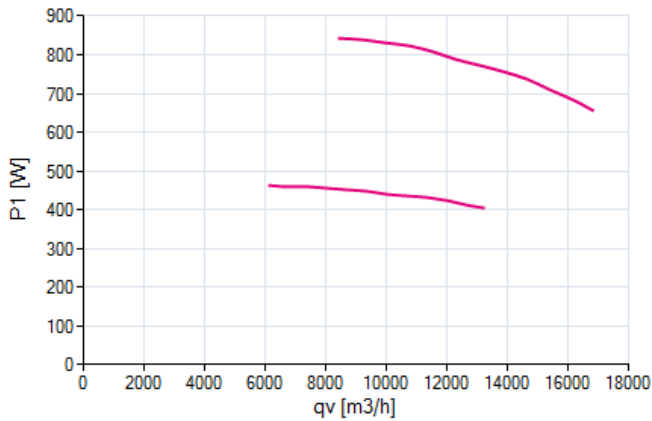
rendement η_F



rendement η_{sF}



puissance P_1



valeur nominale

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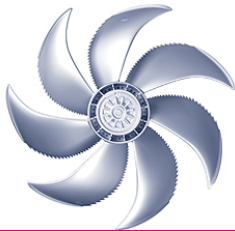
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3~ 400V D/Y 50Hz P1 0.84/0.46kW
2.20/1.00A DI=0% 650/480/MIN COSY 0.57 70°C
3~ 400V D/Y 60Hz P1 1.10/0.50kW
2.40/1.05A DI=0% 670/450/MIN COSY 0.66 70°C
3~ 460V D/Y 60Hz P1 1.25/0.62kW
2.50/1.10A DI=0% 730/500/MIN COSY 0.63 65°C
IP54 THCL155

plan

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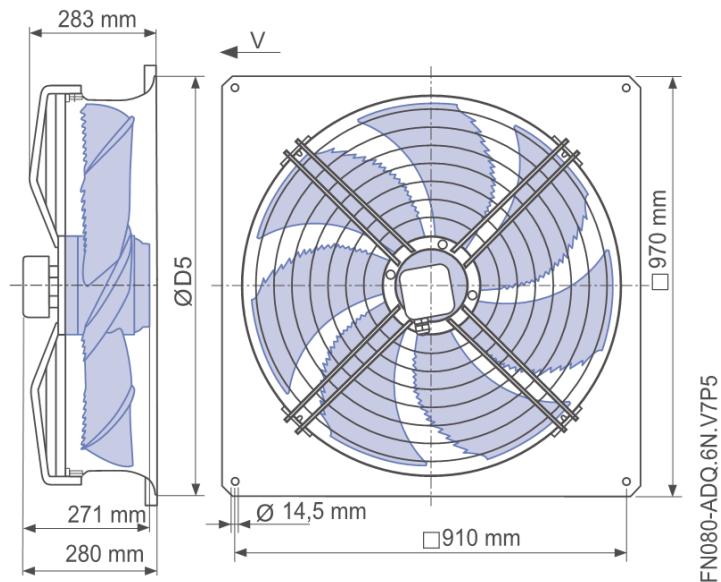
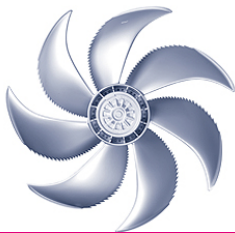


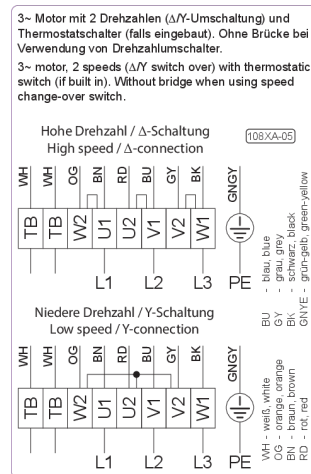
schéma de bobinage

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type	FN080-ADQ.6N.V7P5
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**accessoires
mécaniques** Volet de refoulement du ventilateur
type: SVK800
n°article: 00264387