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FN056-VDK.4M.V7P2 | 159443 | Portfolio STD-WW G1 | FE2owlet AC ER

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.**

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风机数据

06.05.2021

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技术参数

马达		AC ERM
主电源	-	3~ 400V 50Hz Y
额定电流 (I_N)	A	1.10
环境温度 (t_r)	°C	70
效率 η_{statA}	%	33,7
效率 $\mathbf{N_{实际}}$ | $N_{目标}$		**40,1** | 40
ErP-等级		2015
grille | influence		pressure side | measured

风机数据

频率 **(f_{BP})** | (f_{max})	Hz	**50** | 60
尺寸 (w x h x d)	mm	725 x 725 x 245
重量	kg	15.4

PF:PF_00; Ano:159443; STol:+-10 %

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性能曲线 / 噪音

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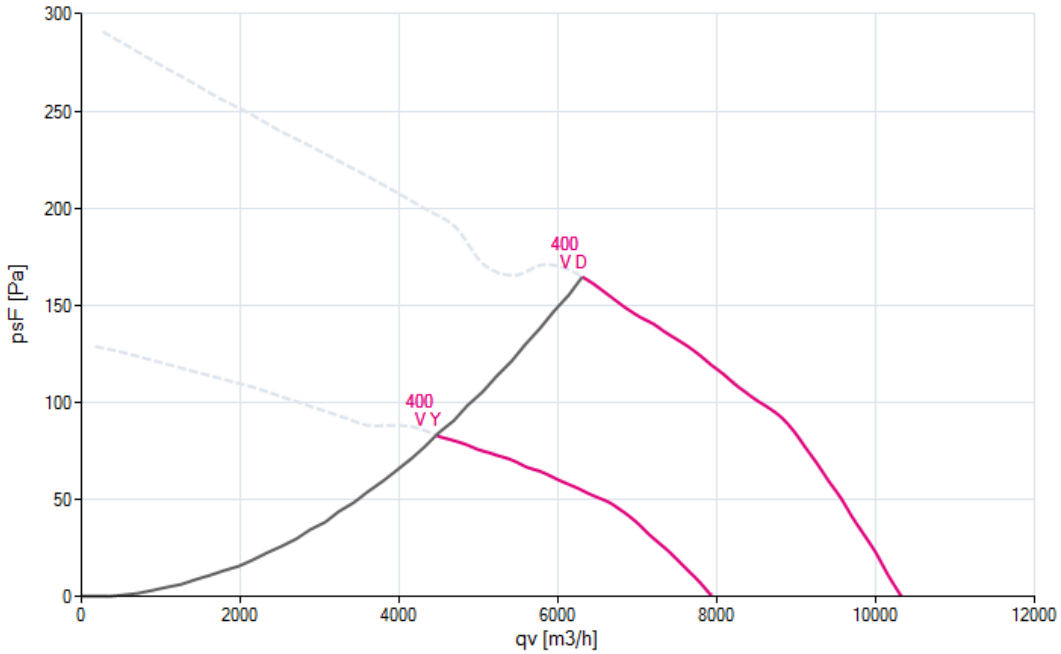
Measured in short nozzle with pressure side guard grille in air flow direction V in installation type A according to ISO5801

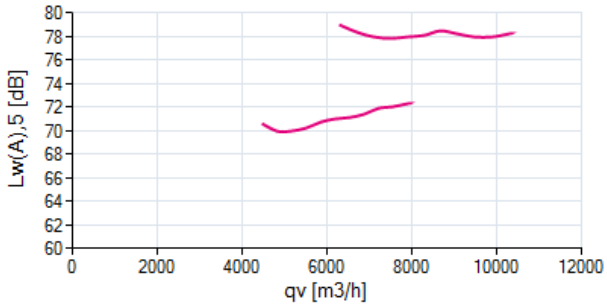
159443 | Portfolio STD-WW G1

测量密度 1.16 [kg/m³]

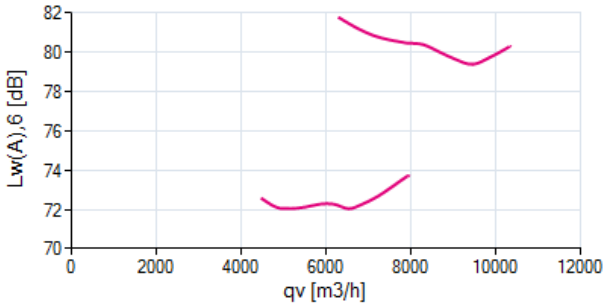
空气性能 p_{sF}



噪音值 ($L_{w(A),5}$)



噪音值 ($L_{w(A),6}$)



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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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效率 / 功率

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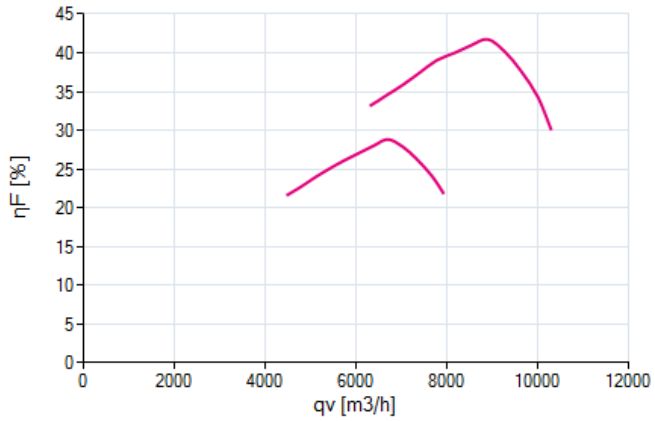
1 FN056-VDK.4M.V7P2

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

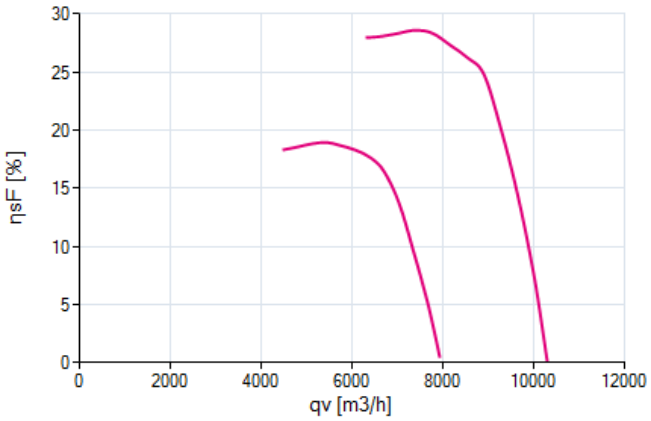
159443 | Portfolio STD-WW G1

测量密度 1.16 [kg/m³]

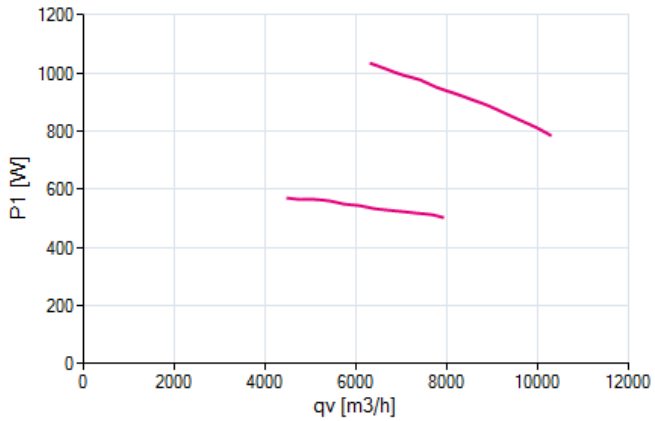
效率 η_F



效率 η_{sF}



功率 P_1



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标称值

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3~ 400V +10/-10 D/Y 50Hz P1 1.05/0.58kW P2 0.73/0.26kW
2.20/1.10A DI=0% 1280/910/MIN COSY 0.68 70°C
3~ 400V +10/-10 D/Y 60Hz P1 1.35/0.58kW P2 0.80/0.20kW
2.60/1.15A DI=0% 1320/830/MIN COSY 0.73 55°C
3~ 460V +10/-10 D/Y 60Hz P1 1.55/0.72kW P2 1.00/0.30kW
2.70/1.25A DI=0% 1430/950/MIN COSY 0.72 55°C
IP54 THCL155

图纸

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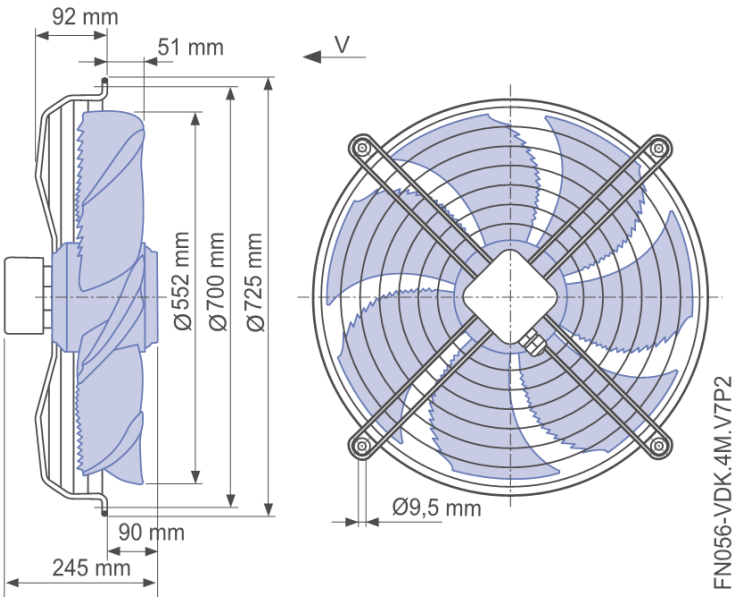

接线图

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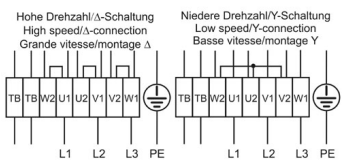
3~ Motor mit 2 Drehzahlen(Δ/Y-Umschaltung) und Thermostatschalter (falls eingebaut). Ohne Brücke bei Verwendung von Drehzahlumschalter.

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 a 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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附件

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