

1



FN050-VDK.4I.V7P1 | 153056 | 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

24.09.2024

version FANselect V 1.01 (240923), AMCA V 1.03 September, 2021
RLT V 1.00 Dezember, 2021 / 1.24.09.23 | 1340 | (utilisateur chesneau)



type	FN050-VDK.4I.V7P1
n°article	153056 Portfolio Europe

caractéristiques

moteur		AC
tension principale	-	3~ 400V 50Hz D
intensité nominale (I _N)	A	1.70
température ambiante (t _r)	°C	70
rendement η _{statA}	%	33,4
Rendement N _{actual} N _{target}		40,7 40
classe ErP		2015
grille influence		pressure side measured

données ventilateur

frequence (f _{BP}) (f _{max})	Hz	50 60
dimensions (LxIxh)	mm	590 x 590 x 214
poids (m _{pr})	kg	13.4

PF:PF_61; Anc:153056; STot:±10 %



rendement / puissance

24.09.2024

version FANselect V 1.01 (240923), AMCA V 1.03 September, 2021
RLT V 1.00 Dezember, 2021 / 1.24.09.23 | 1340 | (utilisateur chesneau)

1

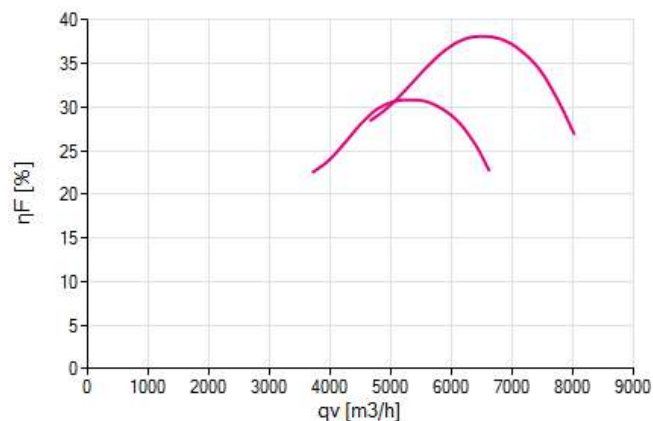
FN050-VDK.4I.V7P1

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

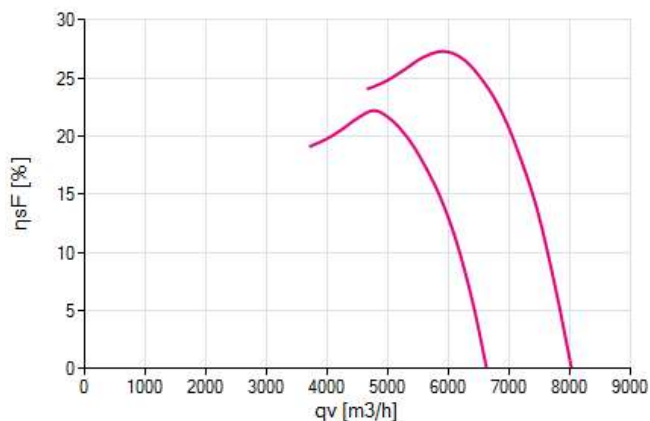
153056 | Portfolio Europe

densité de mesure 1.19 [kg/m³]

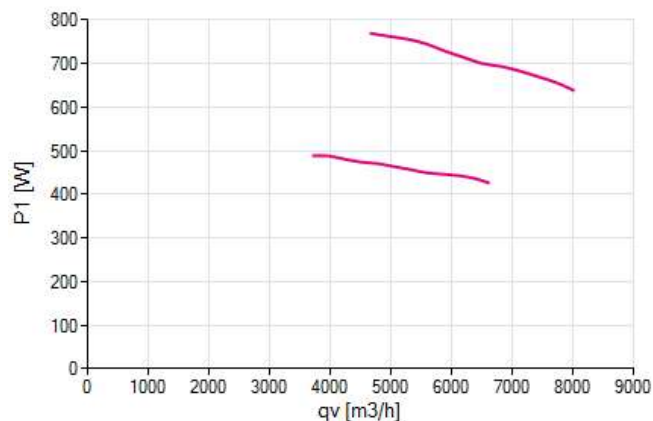
rendement η_F



rendement η_{sF}



puissance P_1



FANselect

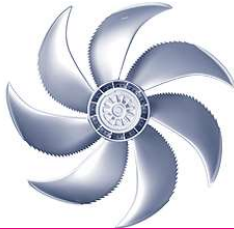


valeur nominale

version FANselect V 1.01 (240923), AMCA V 1.03 September, 2021
RLT V 1.00 Dezember, 2021 / 1.24.09.23 | 1340 | (utilisateur chesneau)

24.09.2024

1



FN050-VDK.4I.V7P1
153056

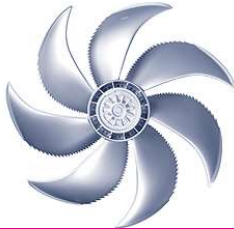
3~ 400V +10/-10 D/Y 50Hz P1 0.77/0.49kW P2 0.52/0.26kW
1.70/0.84A DI=0% 1300/1025/MIN COSY 0.64 70°C
3~ 400V +10/-10 D/Y 60Hz P1 1.10/0.60kW P2 0.64/0.22kW
1.90/1.00A DI=0% 1400/980/MIN COSY 0.81 70°C
3~ 460V +10/-10 D/Y 60Hz P1 1.20/0.70kW P2 0.76/0.32kW
2.00/1.05A DI=0% 1480/1100/MIN COSY 0.76 70°C
IP54 THCL155

plan

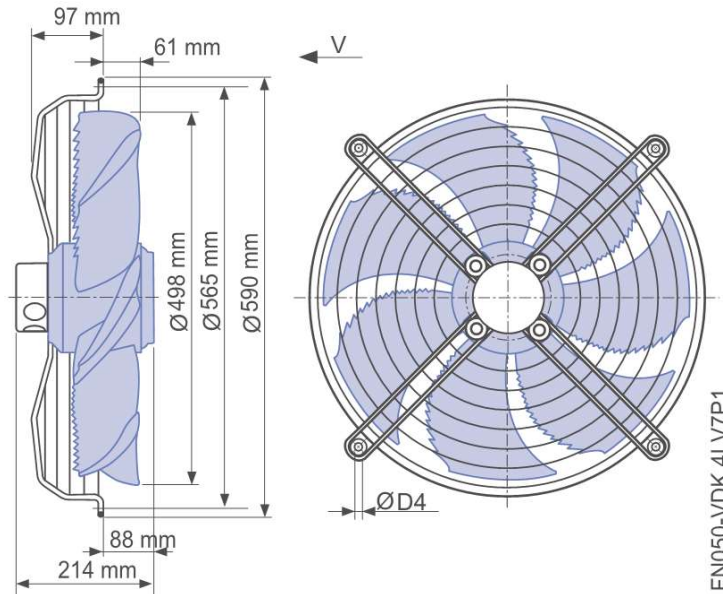
version FANselect V 1.01 (240923), AMCA V 1.03 September, 2021
RLT V 1.00 Dezember, 2021 / 1.24.09.23 | 1340 | (utilisateur chesneau)

24.09.2024

1



FN050-VDK.4I.V7P1
153056



FN050-VDK.4I.V7P1

schéma de bobinage

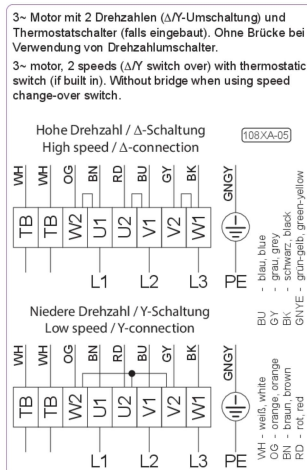
version FANselect V 1.01 (240923), AMCA V 1.03 September, 2021
RLT V 1.00 Dezember, 2021 / 1.24.09.23 | 1340 | (utilisateur chesneau)

24.09.2024

1



FN050-VDK.4I.V7P1
153056





type	FN050-VDK.4I.V7P1
n°article	153056