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МАГАЗИН ПРОМЫШЛЕННЫХ ВЕНТИЛЯТОРОВ

1

ZN080-ZIL.GL.V7P3 | 183884 | Portfolio STD-WW | FE2owlet ECblue

Technical Description FE2owlet with ZAplus

Range ZN

Standard design with AC motor

- Profiled, sickle shaped blades designed with bionical know how
- Sizes 450 ... 900 mm (in 6 standard sizes)
- Highest efficiency with optimized full bell mouth with guide vane and diffusor
- Integrated speed control
- ZIEHL-ABEGG FE2owlet ECblue with ZAplus fans can be used with active temperature management from -35°C* up to 70°C.

Mains voltage motor size B:

- 1~ 200...277 V; 50/60 Hz

Mains voltage motor size D:

- 1~ 200...277 V; 50/60 Hz
- 3~ 200...240 V; 50/60 Hz
- 3~ 380...480 V; 50/60 Hz

Mains voltage motor size G:

- 3~ 200...240 V; 50/60 Hz
- 3~ 380...480 V; 50/60 Hz

Thermal class:

- THCL 155

Protection:

- IP55

Material of impeller:

- Aluminium die-cast or high performance composite material

Painting:

- Fan unpainted
- ZAplus made from high performance composite material in black, unpainted

On request:

- Guard grille suction side
- Additional diffusor (increase of efficiency)
- Different paintings
- Heater (de-icing of the nozzle)
- 4 different built in versions

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***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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类型		ZN080-ZIL.GL.V7P3
编号 article no.		183884 | Portfolio STD-WW

技术参数

马达		ECblue
Efficiency class		IE5
主电源	-	3~ 400V 50Hz
环境温度 (t_r)	°C	65
效率 η_{statA}	%	58,0
效率 $\mathbf{N_{实际}}$ | $N_{目标}$		**61,6** | 40
ErP-等级		2015 | 内部集成EC控制器
grille | influence		否

风机数据

风机速度 **(n)** | max. (n_{max})	1/min	- | 1100
频率 **(f_{BP})** | (f_{max})	Hz	**50** | 60
尺寸 (w x h x d)	mm	1000 x 998 x 328
重量	kg	40.8

PF:PF_50; Ano:183884; STol:+-10 %

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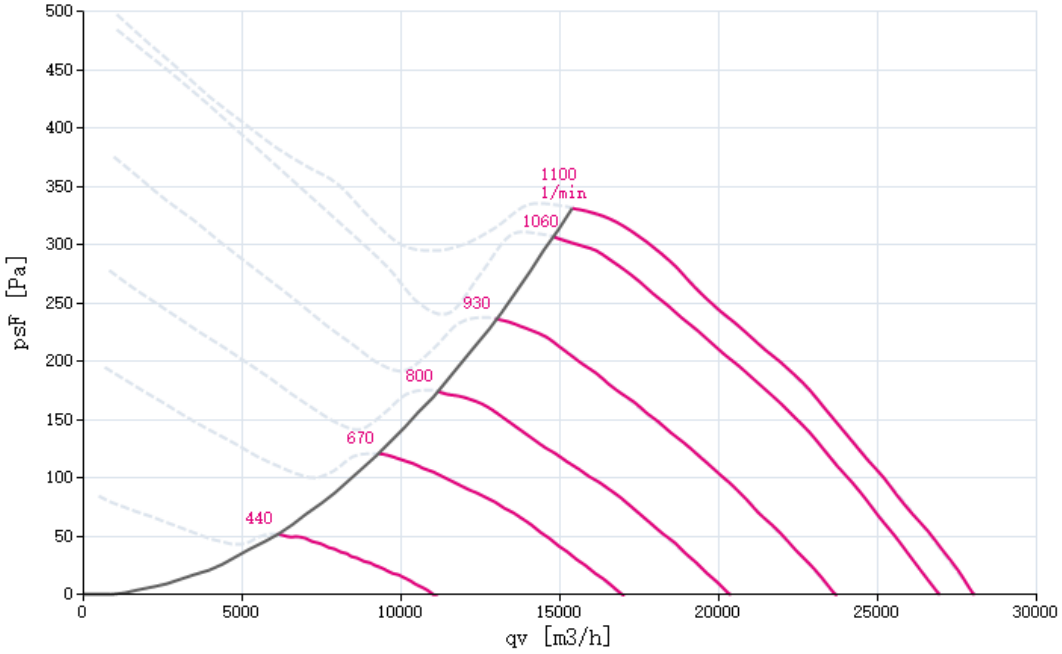
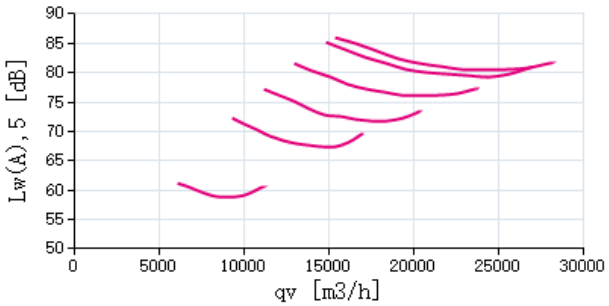
1 ZN080-ZIL.GL.V7P3 Measured in ZAplus without guard grille in air flow direction V in installation type A according to ISO5801

183884 | Portfolio STD-WW 测量密度 1.16 [kg/m³]

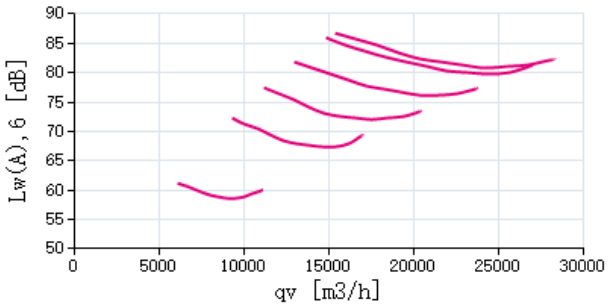
空气性能 p_{sF}



噪音值 ($L_{w(A),5}$)



噪音值 ($L_{w(A),6}$)



1 ZN080-ZIL.GL.V7P3

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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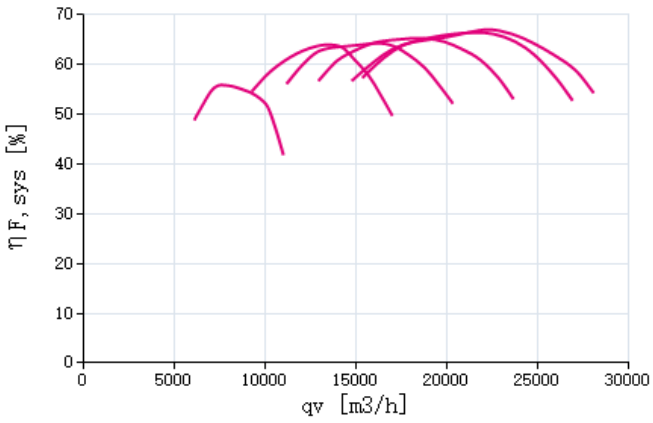
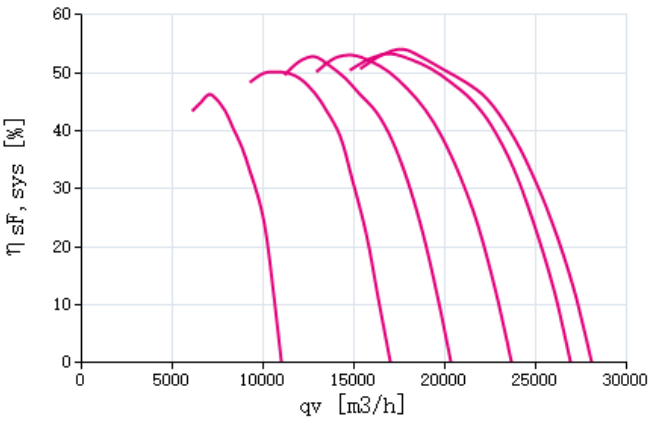
1 ZN080-ZIL.GL.V7P3 Measured in ZAplus without guard grille in air flow direction V in installation type A according to ISO5801

183884 | Portfolio STD-WW 测量密度 1.16 [kg/m³]

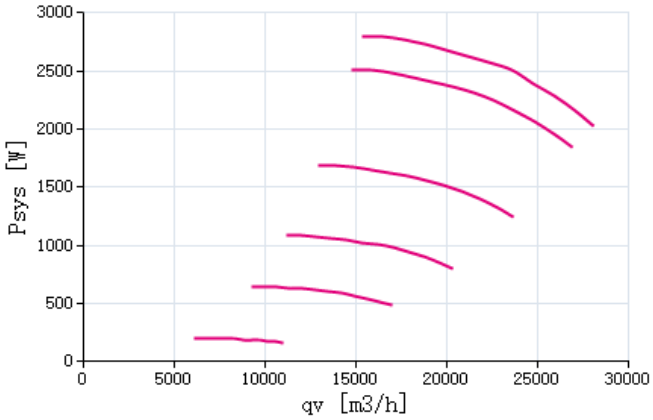
效率 $\eta_{F,sys}$



效率 $\eta_{sF,sys}$



功率 P_{sys}



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183884

3~ 380-480V 50Hz P1 2.80kW
4.40-3.50A 1100/MIN 65°C
3~ 380-480V 60Hz P1 2.80kW
4.40-3.50A 1100/MIN 65°C
IP55 THCL155

图纸

2023/10/25
版本 FANselect V 1.01 (210826), AMCA V 1.03 February, 2019 / 1.21.08.26 | 27391 | (用户 ZAFS17391)

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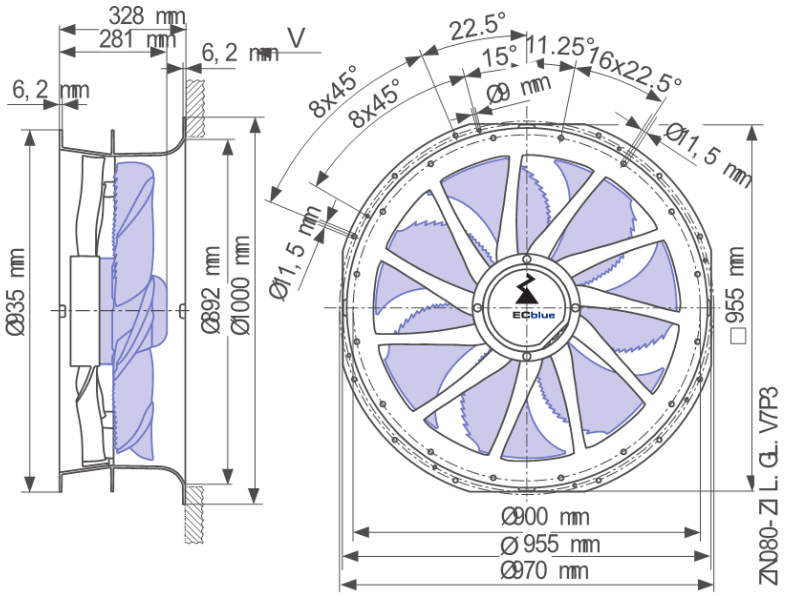

接线图

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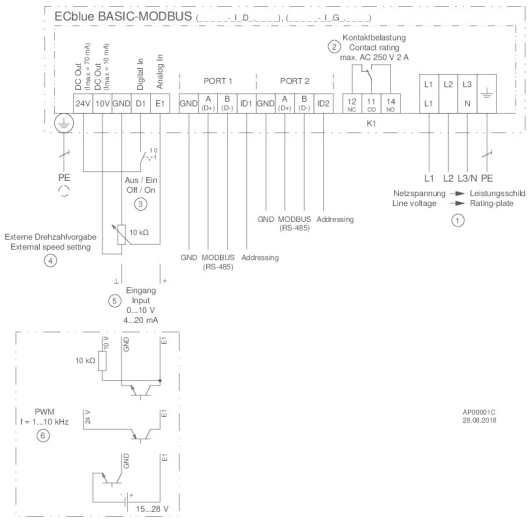

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