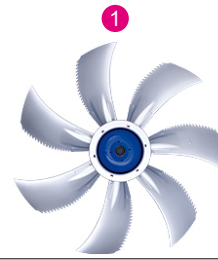




fan data

8/21/2023

version FANselect V 1.01 (230327), AMCA V 1.03 September, 2021
RLT V 1.00 Dezember, 2021 / 1.23.03.27 | 40932 | (user ZAFS30932)



| | |
|-------------|---------------------------|
| type | FN080-ZIS.GQ.V7P3 |
| article no. | 183877 Portfolio STD-WW |

technical data

| | | |
|--|----|---------------------------------|
| motor | | ECblue |
| Efficiency class | | IE5 |
| mains supply | - | 3~ 400V 50Hz |
| ambient temperature, max. limit (t_r) | °C | 60 |
| efficiency grade η_{statA} | % | 47,6 |
| efficiency grade N_{actual} N_{target} | | 50,2 40 |
| ErP-conformity | | 2015 EC controller integrated |
| grille influence | | pressure side measured |

fan data

| | | |
|--|-------|-------------------|
| fan speed (n) max. (n_{max}) | 1/min | - 1250 |
| frequency (f_{DP}) (f_{max}) | Hz | 50 60 |
| dimensions (w x h x d) | mm | 1070 x 1070 x 405 |
| product weight (m_{pr}) | kg | 43.8 |

PF:PF_50; Ano:183877; STol:+-10 %

FANselect



performance curve / acoustics

8/21/2023

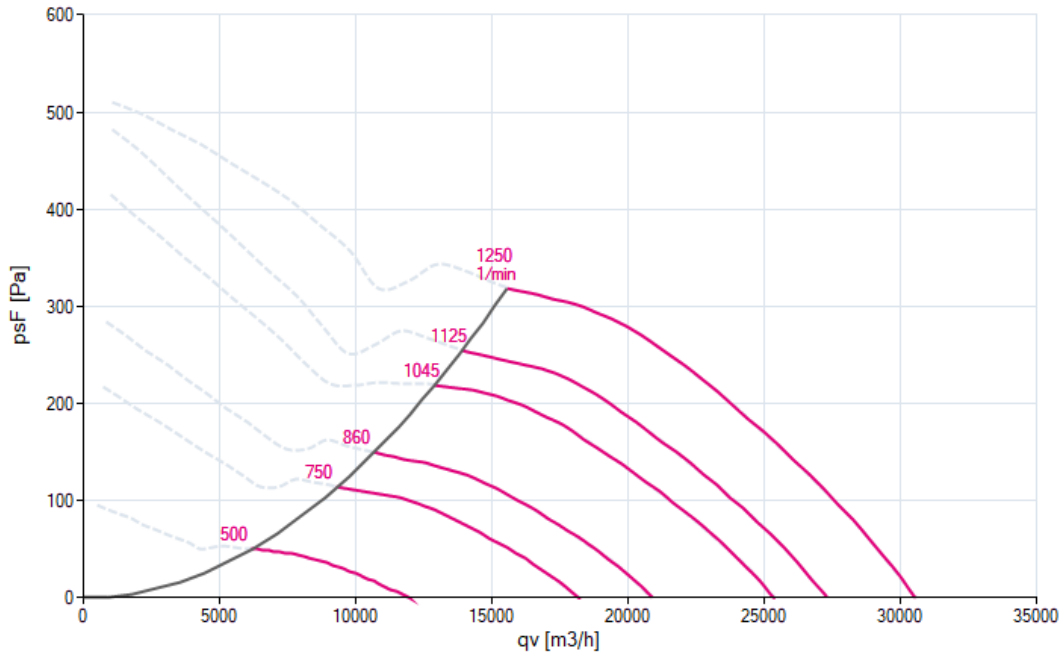
Version FANselect V 1.01 (230327), AMCA V 1.03 September, 2021
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1 FN080-ZIS.GQ.V7P3

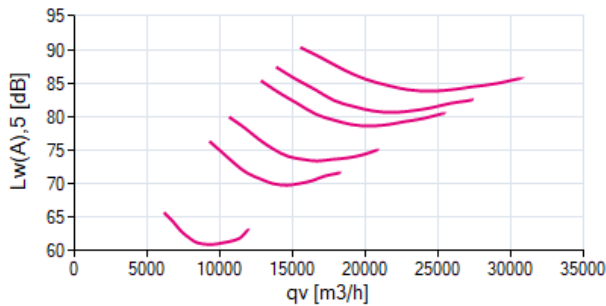
Measured in full nozzle with pressure side guard grille in air flow direction V in installation type A according to ISO5801

183877 | Portfolio STD-WW measurement density 1.16 [kg/m³]

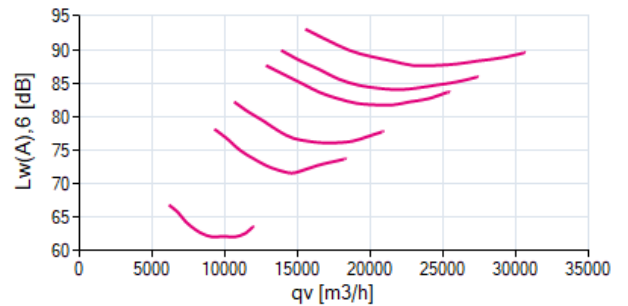
air performance p_{sF}



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



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



1 FN080-ZIS.GQ.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 |
|--------------|-----|----|-----|-----|-----|------|------|------|------|
| $L_{w(A),6}$ | - | - | - | - | - | - | - | - | - |
| $L_{w,6}$ | - | - | - | - | - | - | - | - | - |

FANselect



power input

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version FANselect V 1.01 (230327), AMCA V 1.03 September, 2021
RLT V 1.00 Dezember, 2021 / 1.23.03.27 | 40932 | (user ZAFS30932)

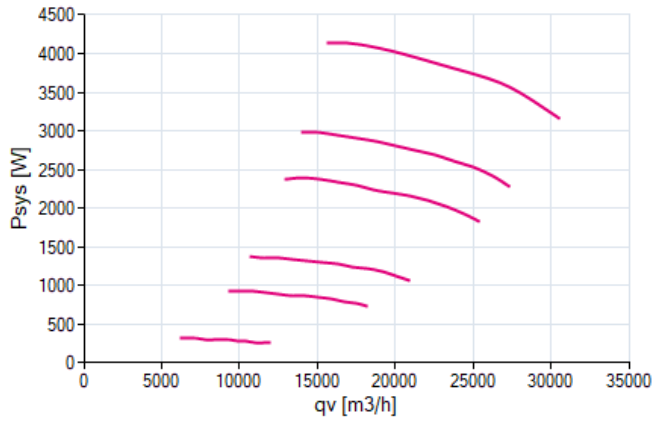
1

FN080-ZIS.GQ.V7P3

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

183877 | Portfolio STD-WW measurement density 1.16 [kg/m³]

power input P_{sys}





nominal values

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RLT V 1.00 Dezember, 2021 / 1.23.03.27 | 40932 | (user ZAFS30932)

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FN080-ZIS.GQ.V7P3

183877

3~ 380-480V 50Hz P1 4.20kW
 6.60-5.20A 1250/MIN 60°C
 3~ 380-480V 60Hz P1 4.20kW
 6.60-5.20A 1250/MIN 60°C
 IP55 THCL155

drawing

8/21/2023

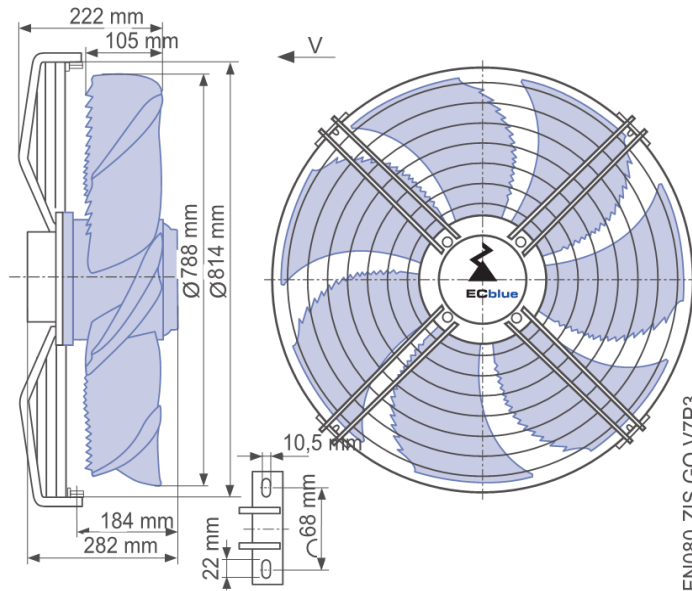
version FANselect V 1.01 (230327), AMCA V 1.03 September, 2021
RLT V 1.00 Dezember, 2021 / 1.23.03.27 | 40932 | (user ZAFS30932)

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wiring diagram

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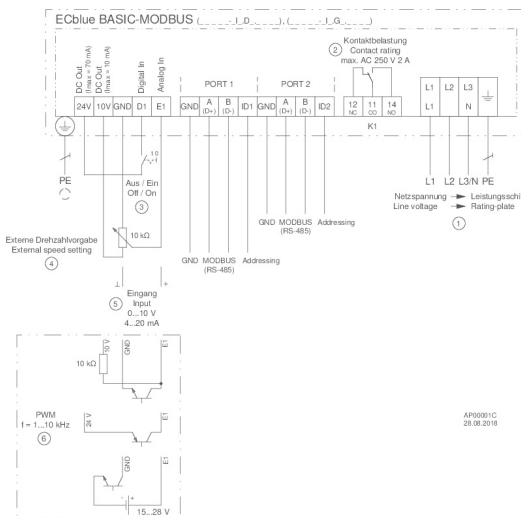
version FANselect V 1.01 (230327), AMCA V 1.03 September, 2021
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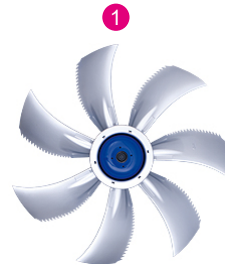
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system components

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| | |
|-------------|-------------------|
| type | FN080-ZIS.GQ.V7P3 |
| article no. | 183877 |