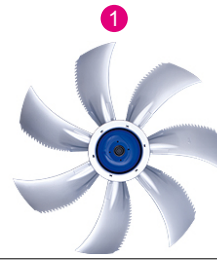




## fan data

24.05.2023

version FANselect V 1.01 (230524), AMCA V 1.03 September, 2021&lt;br&gt;RLT V 1.00 Dezember, 2021 / 1.23.05.24 | 28707 | (user ZAFS18707)



|             |                           |
|-------------|---------------------------|
| type        | FN100-ZIQ.GL.A5P1         |
| article no. | 183971   Portfolio STD-WW |

## technical data

|  |                                 |
|--|---------------------------------|
| motor  | ECblue                          |
| Efficiency class                             | IE5                             |
| mains supply                                 | - 3~ 400V 50Hz Y                |
| ambient temperature, max. limit ( $t_r$ )    | °C 65                           |
| efficiency grade $\eta_{statA}$              | % 48,7                          |
| efficiency grade $N_{actual}$   $N_{target}$ | 52,7   40                       |
| ErP-conformity                               | 2015   EC controller integrated |
| grille   influence                           | pressure side   measured        |

## fan data

|  |       |                   |
|--|-------|-------------------|
| fan speed ( $n$ )   max. ( $n_{max}$ ) | 1/min | -   850           |
| frequency ( $f_{DP}$ )   ( $f_{max}$ ) | Hz    | 50   60           |
| dimensions (w x h x d)                 | mm    | 1170 x 1170 x 332 |
| product weight ( $m_{pr}$ )            | kg    | 60.2              |

## nominal values

3~ 380-480V Y 50Hz P1 2.50kW  
4.00-3.20A 850/MIN 65°C  
3~ 380-480V Y 60Hz P1 2.50kW  
4.00-3.20A 850/MIN 65°C  
IP55 THCL155

PF:PF\_50; Ano:183971; STol:+-10 %

# FANselect



## performance curve / acoustics

24.05.2023

Version FANselect V 1.01 (230524), AMCA V 1.03 September, 2021 <br> RLT V 1.00 Dezember, 2021 / 1.23.05.24 | 28707 | (user ZAFS18707)

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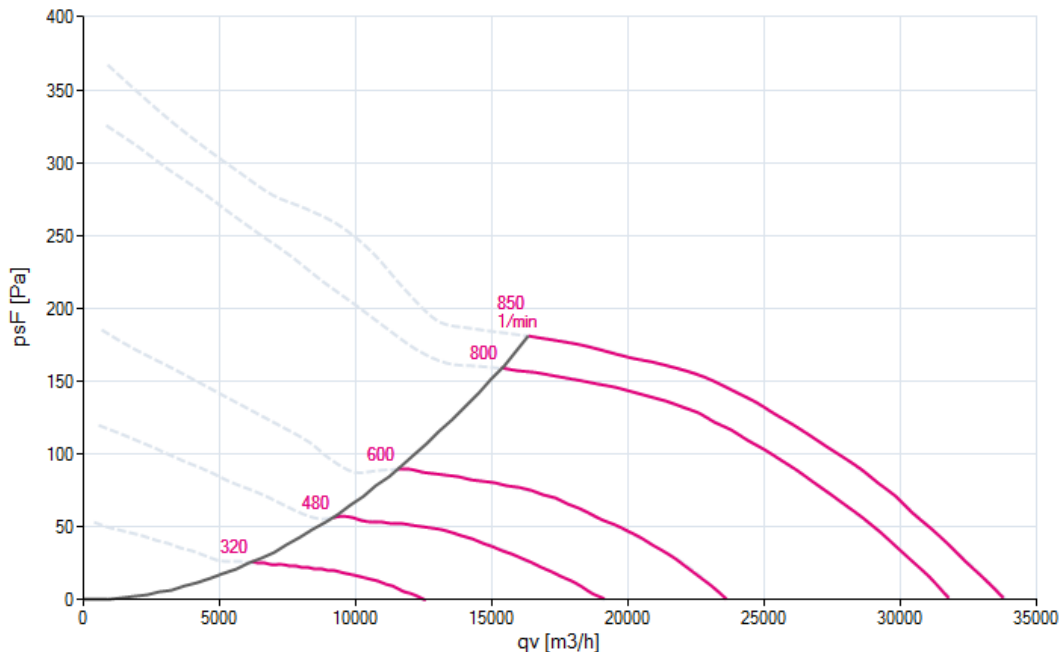
**FN100-ZIQ.GLA5P1**

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

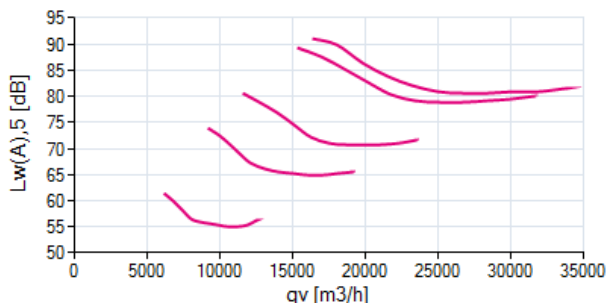
183971 | Portfolio STD-WW

measurement density 1.16 [kg/m³]

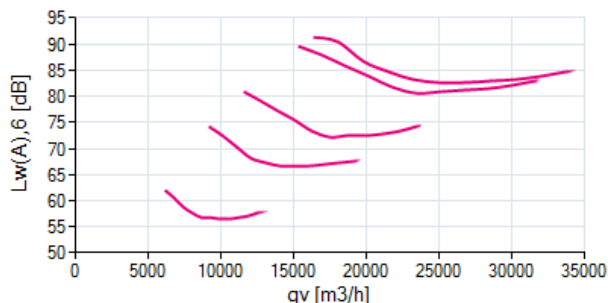
### air performance $p_{sF}$



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



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



**1 FN100-ZIQ.GLA5P1**

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