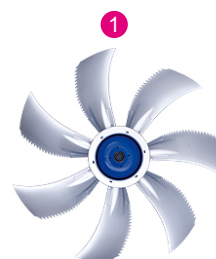




fan data

24.05.2023

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



| | |
|-------------|----------------------------|
| type | FN080-ZIQ.GL.A7P3 |
| article no. | 180855 Portfolio STD-WWW |

technical data

| | |
|--|---------------------------------|
| motor | ECblue |
| Efficiency class | IE5 |
| mains supply | - 3~ 400V 50Hz Y |
| ambient temperature, max. limit (t_r) | °C 65 |
| efficiency grade η_{statA} | % 48,2 |
| efficiency grade N_{actual} N_{target} | 51,6 40 |
| ErP-conformity | 2015 EC controller integrated |
| grille influence | pressure side measured |

fan data

| | | |
|--|-------|-----------------|
| fan speed (n) max. (n_{max}) | 1/min | - 1100 |
| frequency (f_{DP}) (f_{max}) | Hz | 50 60 |
| dimensions (w x h x d) | mm | 970 x 970 x 304 |
| product weight (m_{pr}) | kg | 53.5 |

nominal values

3~ 380-480V Y 50Hz P1 3.10kW
 4.80-3.80A 1100/MIN 65°C
 3~ 380-480V Y 60Hz P1 3.10kW
 4.80-3.80A 1100/MIN 65°C
 IP55 THCL155

PF:PF_50; Ano:180855; STol:+-10 %

FANselect



performance curve / acoustics

24.05.2023

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

1

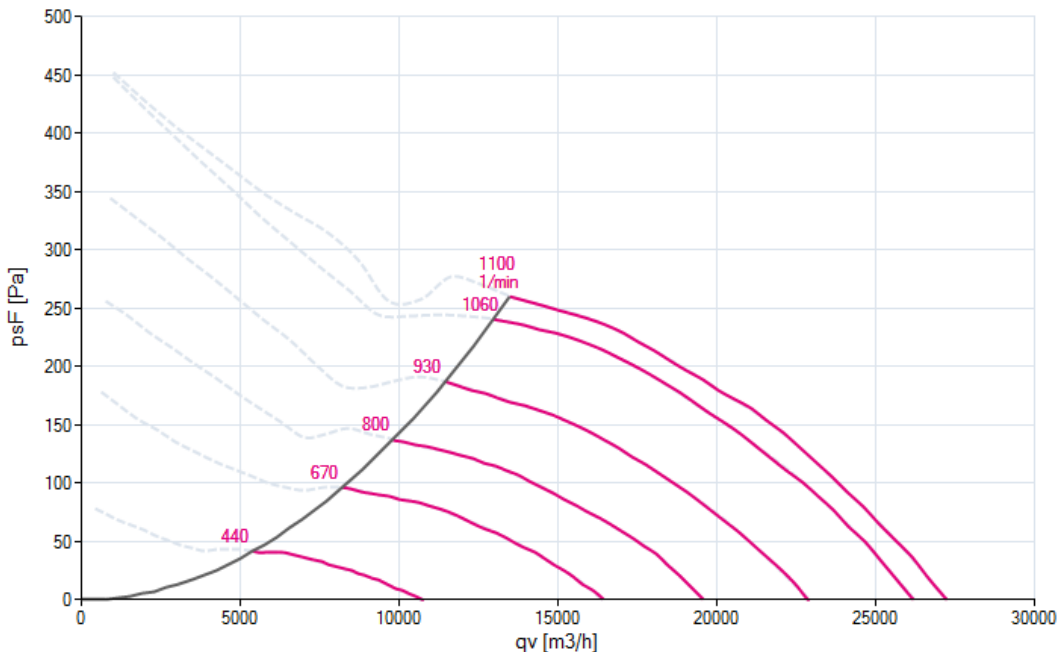
FN080-ZIQ.GLA7P3

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

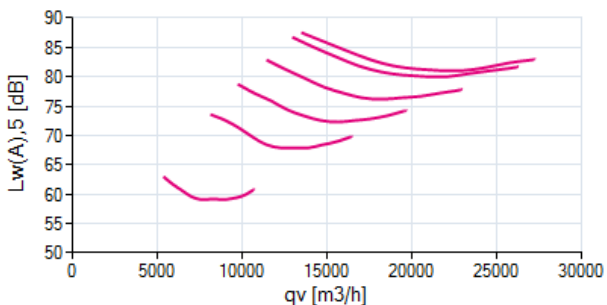
180855 | Portfolio STD-WW

measurement density 1.16 [kg/m³]

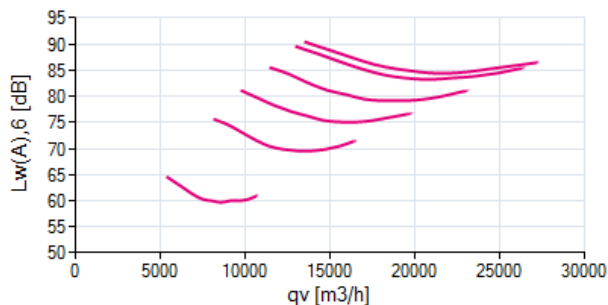
air performance p_{sF}



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



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



1 FN080-ZIQ.GLA7P3

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