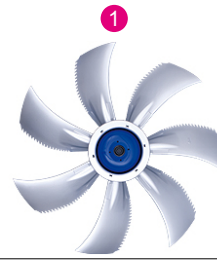




fan data

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 | FN030-4IK.ZC.V5P4 |
| article no. | 178118 Portfolio STD-WWW |

technical data

| | | |
|--|--------|---------------------------------|
| motor | ECblue | |
| Efficiency class | IE4 | |
| mains supply | - | 1~ 230V 50Hz Y |
| ambient temperature, max. limit (t_a) | °C | 50 |
| efficiency grade η_{statA} | % | 44 |
| efficiency grade N_{actual} N_{target} | | 55,7 40 |
| ErP-conformity | | 2015 EC controller integrated |
| grille influence | | pressure side measured |

fan data

| | | |
|--|--------------|-----------------|
| SFP-class SFP-value (P_{SFP}) | - Ws/m^3 | 1 232 |
| airflow volume (q_v) | m^3/h | 2381 |
| pressure, stat. (p_{sF}) tot. (p_F) | Pa | 45 96 |
| electrical power input (P_{sys}) | W | 154 |
| system eff., stat. ($\eta_{sF,sys}$) tot. ($\eta_{F,sys}$) | % | 19.5 41.3 |
| fan speed (n) max. (n_{max}) | 1/min | 2125 2370 |
| fan speed, set value ($\%n_{max}$) | % | 90 |
| frequency (f_{DP}) (f_{max}) | Hz | 50 60 |
| voltage (U_{DP}) | V | 230 |
| current (I_{DP}) | A | 1.35 |
| acoustics, suction side ($L_{w(A),5}$) ($L_{w,5}$) | dB | 67 71 |
| acoustics, pressure side ($L_{w(A),6}$) ($L_{w,6}$) | dB | 71 73 |
| dimensions (w x h x d) | mm | 338 x 338 x 119 |
| product weight (m_{pr}) | kg | 2.7 |

nominal values

1~ 200-240V Y 50Hz P1 0.17kW
 1.70-1.40A 2370/MIN 50°C
 1~ 200-240V Y 60Hz P1 0.17kW
 1.70-1.40A 2370/MIN 50°C
 IP54 THCL155

PF:PF_50; Ano:178118; STol:+-10 %



performance curve / acoustics

24.05.2023

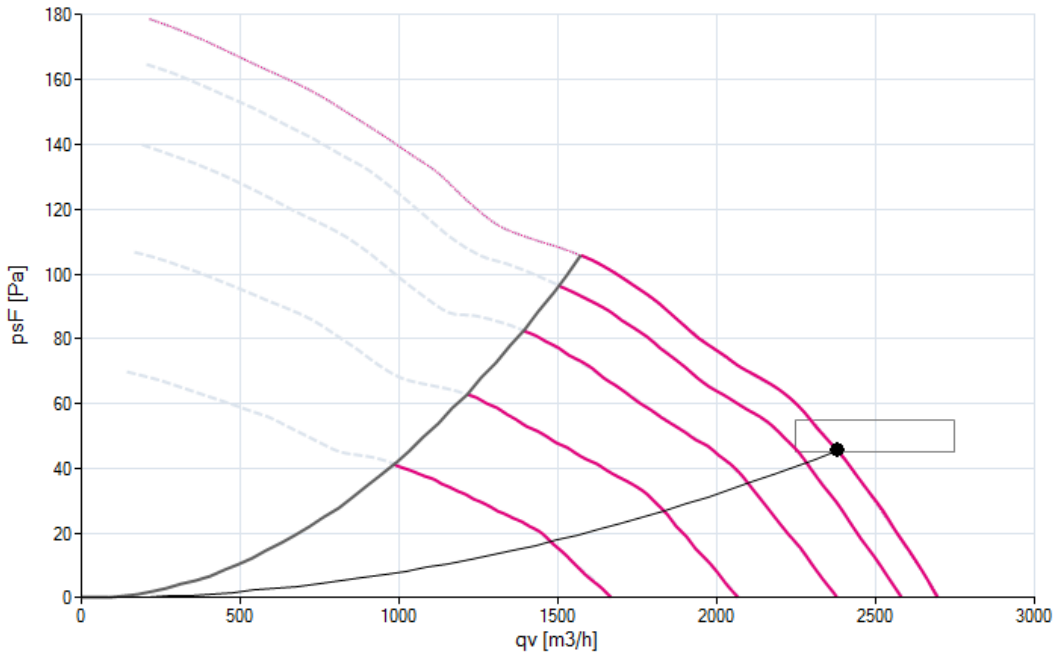
Version FANselect V 1.01 (230524), AMCA V 1.03 September, 2021
RLT V 1.00 Dezember, 2021 / 1.23.05.24 | 28707 | (user ZAFS18707)

1 FN030-4IK.ZC.V5P4

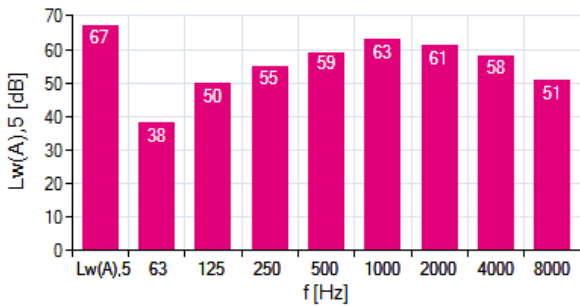
Measured in short nozzle with pressure side guard grille in air flow direction V in installation type A according to ISO5801

178118 | Portfolio STD-WW measurement density 1.16 [kg/m³]

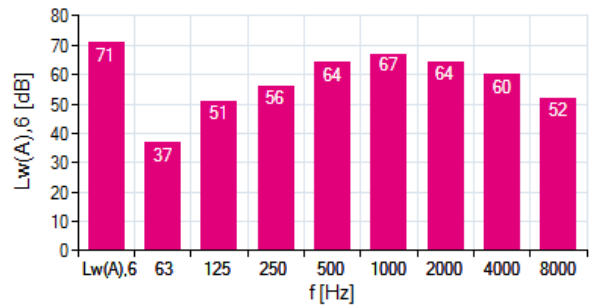
air performance p_{sF}



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



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



1 FN030-4IK.ZC.V5P4

| f [Hz] | sum | 63 | 125 | 250 | 500 | 1000 | 2000 | 4000 | 8000 |
|--------------|-----|----|-----|-----|-----|------|------|------|------|
| $L_{w(A),5}$ | 67 | 38 | 50 | 55 | 59 | 63 | 61 | 58 | 51 |
| $L_{w,5}$ | 71 | 63 | 64 | 64 | 63 | 63 | 59 | 57 | 51 |

| f [Hz] | sum | 63 | 125 | 250 | 500 | 1000 | 2000 | 4000 | 8000 |
|--------------|-----|----|-----|-----|-----|------|------|------|------|
| $L_{w(A),6}$ | 71 | 37 | 51 | 56 | 64 | 67 | 64 | 60 | 52 |
| $L_{w,6}$ | 73 | 63 | 65 | 65 | 67 | 67 | 63 | 59 | 53 |