



## fan data

30.05.2023

version FANselect V 1.01 (230530), AMCA V 1.03 September, 2021&lt;br&gt;RLT V 1.00 Dezember, 2021 / 1.23.05.30 | 28707 | (user ZAFS18707)

1



type	ZN080-ZIL.GQ.V7P3
article no.	182421   Portfolio STD-WWW

## technical data

motor	ECblue
Efficiency class	IE5
mains supply	- 3~ 400V 50Hz Y
ambient temperature, max. limit ( $t_r$ )	°C 55
efficiency grade $\eta_{statA}$	% 57,2
efficiency grade $N_{actual}$   $N_{target}$	59,7   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	1000 x 998 x 328
product weight ( $m_{pr}$ )	kg	49

## nominal values

3~ 380-480V Y 50Hz P1 4.00kW  
6.60-5.20A 1250/MIN 55°C  
3~ 380-480V Y 60Hz P1 4.00kW  
6.60-5.20A 1250/MIN 55°C  
IP55 THCL155

PF:PF\_50; Ano:182421; STol:+-10 %



## performance curve / acoustics

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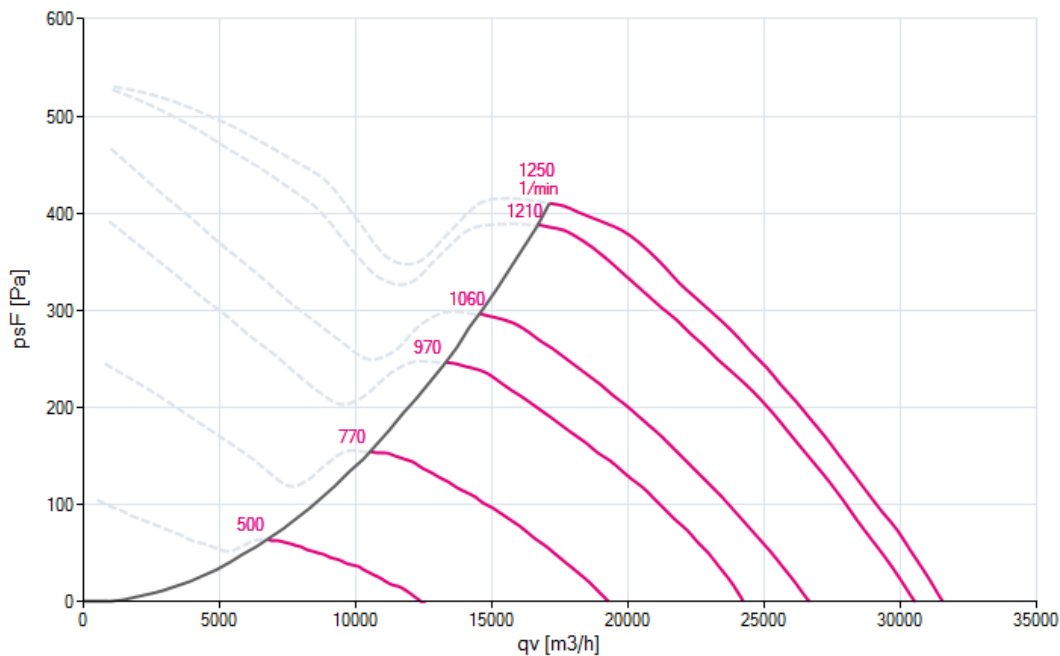
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### 1 ZN080-ZIL.GQ.V7P3

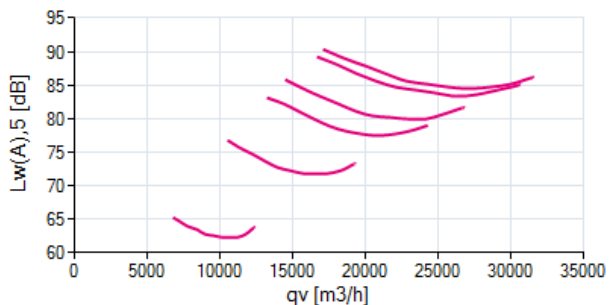
Measured in ZPlus with pressure side guard grille in air flow direction V in installation type A according to ISO5801

182421 | Portfolio STD-WW measurement density 1.16 [kg/m³]

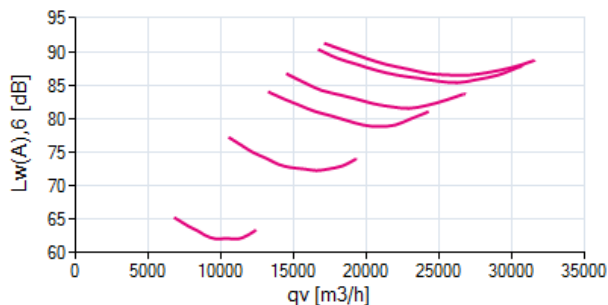
### air performance $p_{sF}$



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



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



### 1 ZN080-ZIL.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
$L_{w(A),6}$	-	-	-	-	-	-	-	-	-
$L_{w,6}$	-	-	-	-	-	-	-	-	-