



## fan data

30.10.2024

version FANselect V 1.01 (241030), AMCA V 1.03 September, 2021&lt;br&gt;RLT V 1.00 Dezember, 2021 / 1.24.10.30 | 30813 | (user ZAFS20813)



type	<b>FN071-SDQ.6K.V7P1</b>
article no.	141779   Portfolio STD-WW

## technical data

motor		AC
mains supply	-	3~ 400V 50Hz D
nominal current ( $I_N$ )	A	2.50
ambient temperature, max. limit ( $t_r$ )	°C	70
efficiency grade $\eta_{statA}$	%	39,1
efficiency grade $N_{actual}$   $N_{target}$		<b>45,8</b>   40
ErP-conformity		2015
grille   influence		pressure side   not measured

## fan data

frequency ( $f_{DP}$ )   ( $f_{max}$ )	Hz	<b>50</b>   60
dimensions (w x h x d)	mm	850 x 850 x 261
product weight ( $m_{pr}$ )	kg	37.9

PF:PF\_50; Type:FN071-SDQ; STol:±10 %

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## performance curve / acoustics

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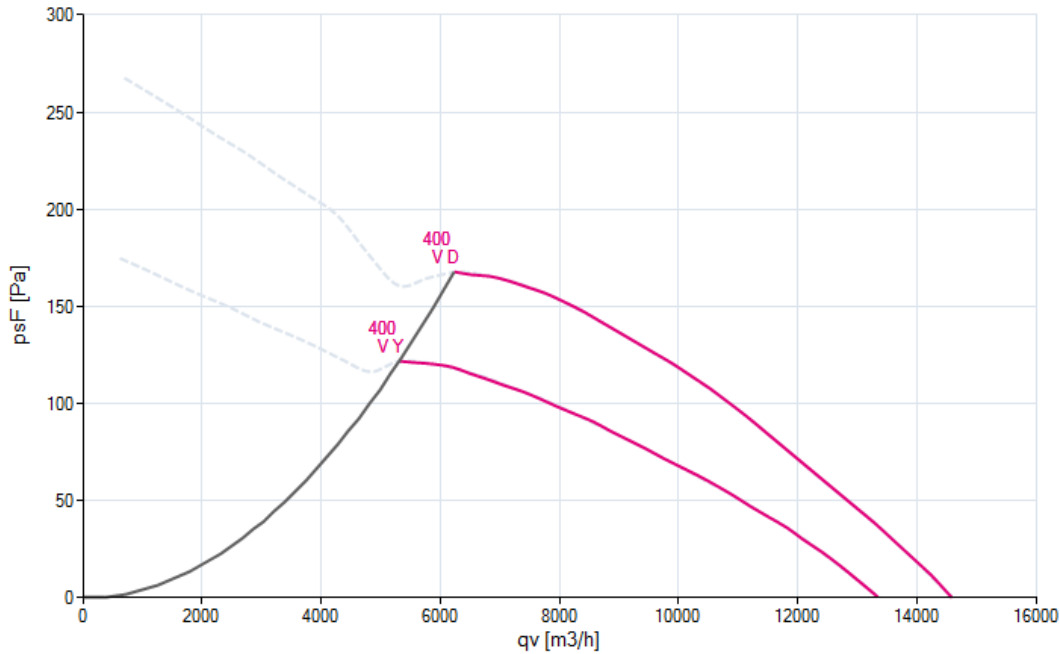
**FN071-SDQ.6K.V7P1**

Measured in full nozzle without guard grille in air flow direction V in installation type A according to ISO5801

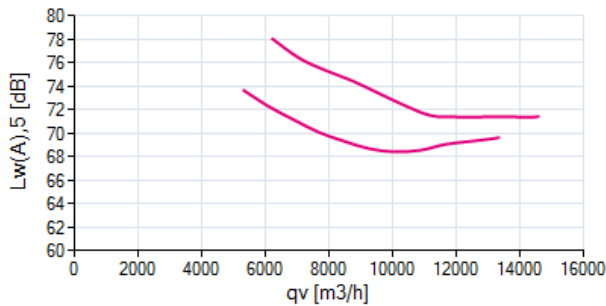
141779 | Portfolio STD-WW

measurement density 1.18 [kg/m³]

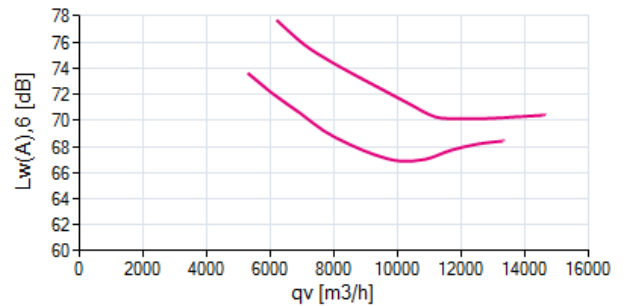
### air performance $p_{sF}$



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



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



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

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## efficiency grade / power input

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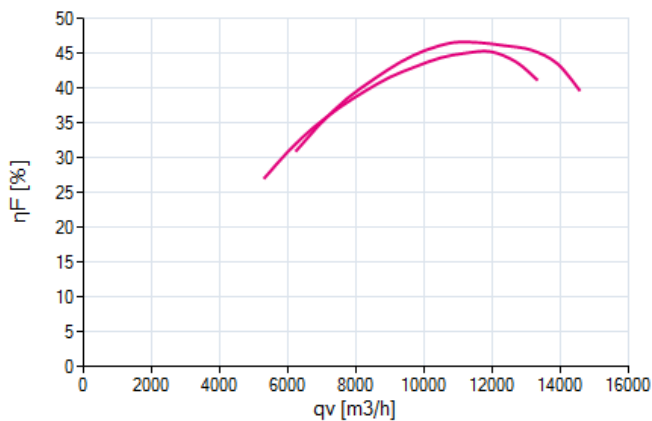
**FN071-SDQ.6K.V7P1**

Measured in full nozzle without guard grille in air flow direction V in installation type A according to ISO5801

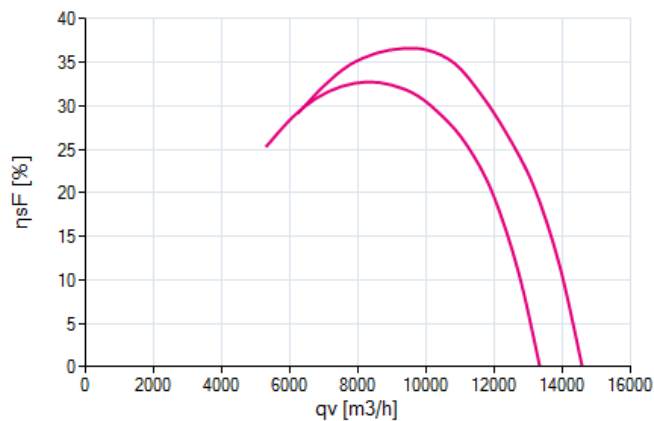
141779 | Portfolio STD-WW

measurement density 1.18 [kg/m³]

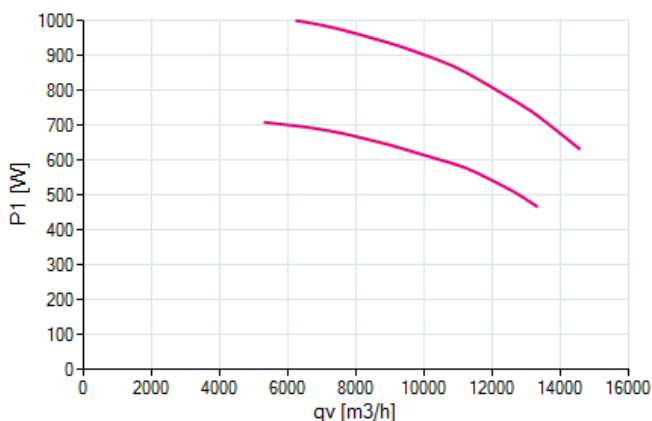
efficiency grade  $\eta_F$



efficiency grade  $\eta_{sF}$



power input  $P_1$





## nominal values

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3~ 400V D/Y 50Hz P1 1.00/0.72kW P2 0.72/0.44kW  
 2.50/1.25A DI=0% 920/780/MIN COSY 0.59 70°C  
 3~ 400V D/Y 60Hz P1 1.45/0.90kW P2 1.00/0.44kW  
 2.70/1.55A DI=0% 1030/770/MIN COSY 0.77 70°C  
 3~ 460V D/Y 60Hz P1 1.55/1.05kW P2 1.15/0.57kW  
 2.80/1.60A DI=0% 1070/850/MIN COSY 0.71 70°C  
 IP54 THCL155

## drawing

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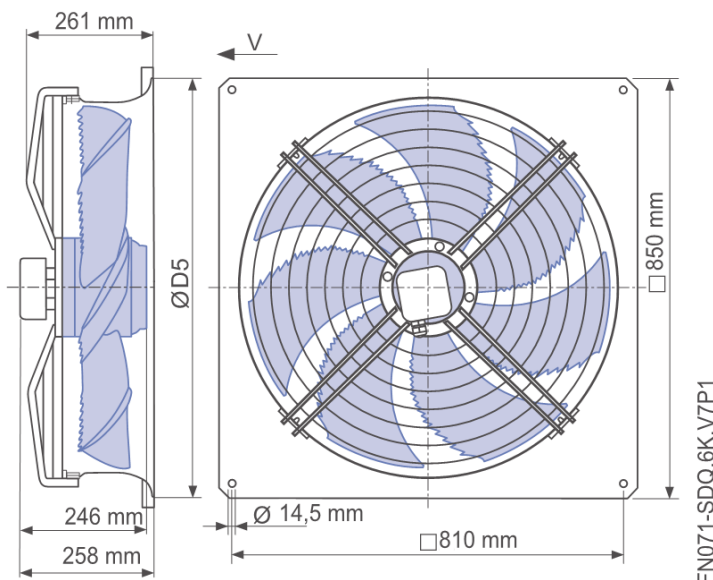
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## wiring diagram

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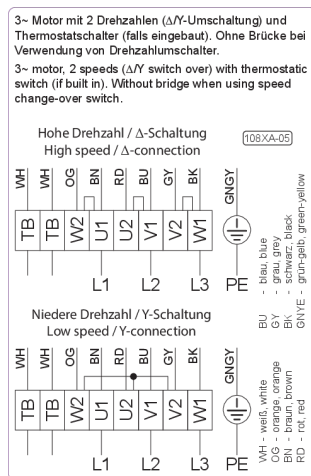
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## system components

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