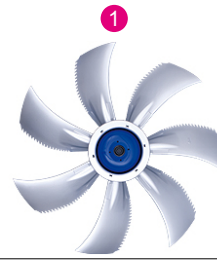




## fan data

14.11.2024

version FANselect V 1.01 (241114), AMCA V 1.03 September, 2021&lt;br&gt;RLT V 1.00 Dezember, 2021 / 1.24.11.14 | 30813 | (user ZAFS20813)



type	FN080-ZIA.GG.V7P3	
article no.	180693   Portfolio STD-WWW	
note	-	design "A" - please check for additional components

## technical data

motor	ECblue	
Efficiency class	IE5	
mains supply	-	3~ 400V 50Hz
ambient temperature, max. limit ( $t_r$ )	°C	70
efficiency grade $\eta_{statA}$	%	48,7
efficiency grade $N_{actual}$   $N_{target}$	53,4   40	
ErP-conformity	2015   EC controller integrated	
grille   influence	without	

## fan data

fan speed ( $n$ )   max. ( $n_{max}$ )	1/min	-   950
frequency ( $f_{DP}$ )   ( $f_{max}$ )	Hz	50   60
dimensions (w x h x d)	mm	784 x 784 x 218
product weight ( $m_{pr}$ )	kg	24.4

PF:PF\_50; Type:FN080-ZIA.GG.V7P3; STol:+-10 %

# FANselect



## performance curve / acoustics

14.11.2024

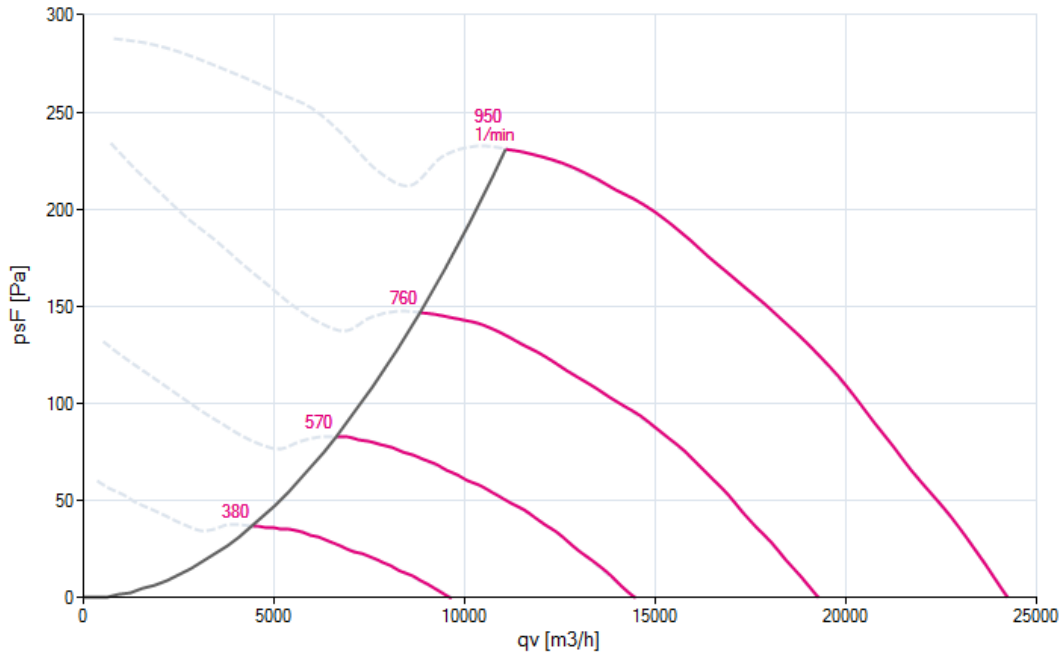
Version FANselect V 1.01 (241114), AMCA V 1.03 September, 2021<br>RLT V 1.00 Dezember, 2021 / 1.24.11.14 | 30813 | (user ZAFS20813)

### 1 FN080-ZIA.GG.V7P3

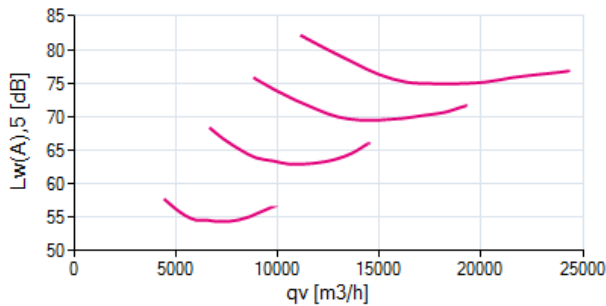
Measured in full nozzle without guard grille in air flow direction V in installation type A according to ISO5801

180693 | Portfolio STD-WW measurement density 1.19 [kg/m³]

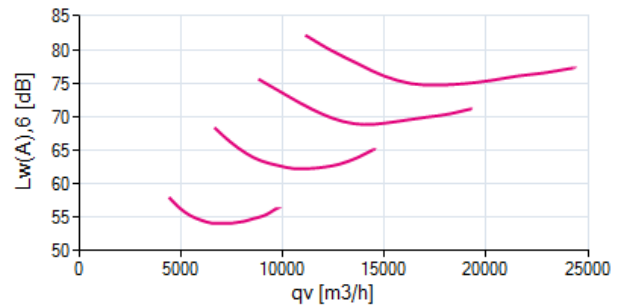
### air performance $p_{sF}$



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



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



### 1 FN080-ZIA.GG.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
$L_{w(A),6}$	-	-	-	-	-	-	-	-	-
$L_{w,6}$	-	-	-	-	-	-	-	-	-

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## efficiency grade / power input

14.11.2024

Version FANselect V 1.01 (241114), AMCA V 1.03 September, 2021<br>RLT V 1.00 Dezember, 2021 / 1.24.11.14 | 30813 | (user ZAFS20813)

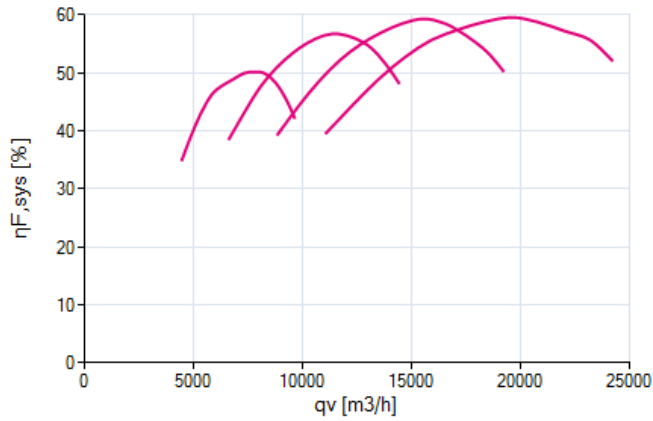
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**FN080-ZIA.GG.V7P3**

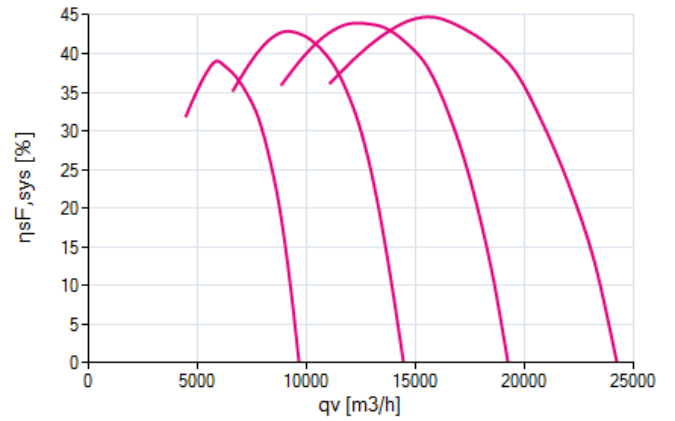
Measured in full nozzle without guard grille in air flow direction V in installation type A according to ISO5801

180693 | Portfolio STD-WW measurement density 1.19 [kg/m³]

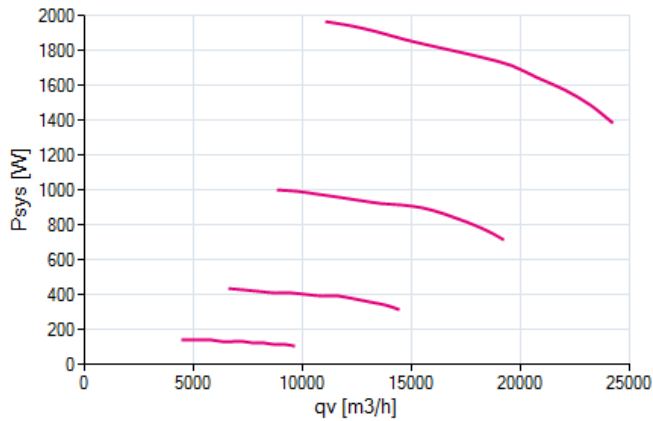
efficiency grade  $\eta_{F,sys}$



efficiency grade  $\eta_{sF,sys}$



power input  $P_{sys}$



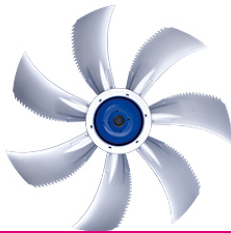


## nominal values

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1



**FN080-ZIA.GG.V7P3**

180693

3~ 380-480V 50Hz P1 1.95kW  
 3.30-2.60A 950/MIN 70°C  
 3~ 380-480V 60Hz P1 1.95kW  
 3.30-2.60A 950/MIN 70°C  
 IP55 THCL155

## drawing

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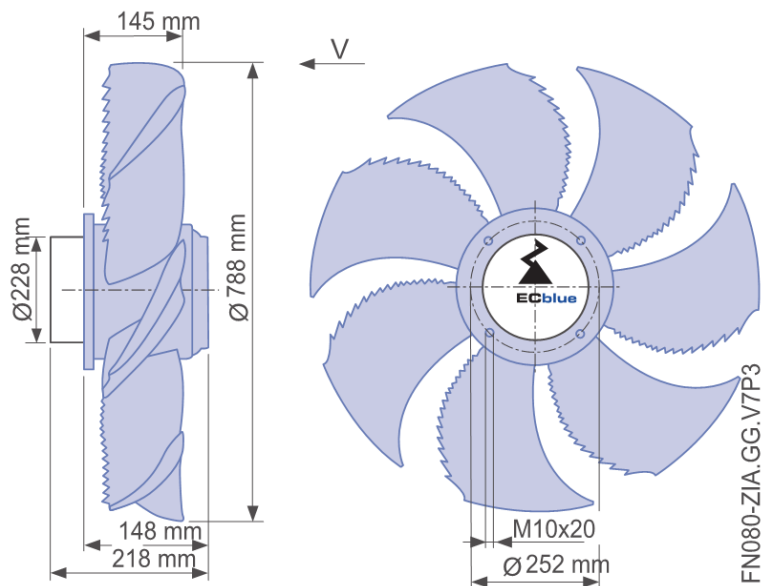
version FANselect V 1.01 (241114), AMCA V 1.03 September, 2021<br>RLT V 1.00 Dezember, 2021 / 1.24.11.14 | 30813 | (user ZAFS20813)

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**FN080-ZIA.GG.V7P3**

180693



## wiring diagram

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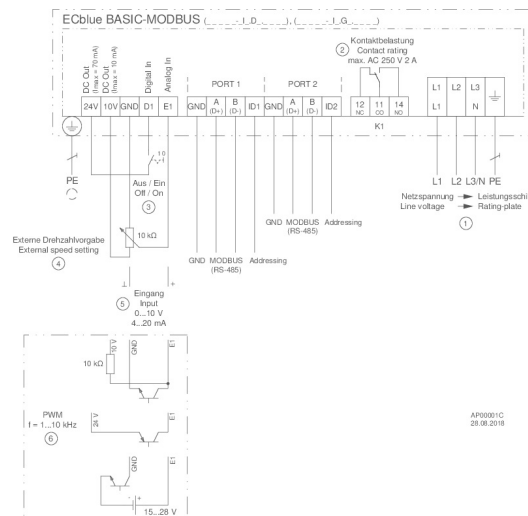
version FANselect V 1.01 (241114), AMCA V 1.03 September, 2021<br>RLT V 1.00 Dezember, 2021 / 1.24.11.14 | 30813 | (user ZAFS20813)

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180693



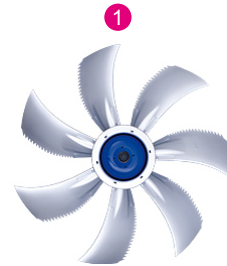
# FANselect



## system components

14.11.2024

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type	<b>FN080-ZIA.GG.V7P3</b>
article no.	180693