



fan data

05.11.2024

version FANselect V 1.01 (241105), AMCA V 1.03 September, 2021
RLT V 1.00 Dezember, 2021 / 1.24.11.05 | 30813 | (user ZAFS20813)



type	FN071-ADI.6F.V7P1
article no.	141800 Portfolio STD-WW

technical data

motor		AC
mains supply	-	3~ 400V 50Hz D
nominal current (I_N)	A	1.10
ambient temperature, max. limit (t_a)	°C	70
efficiency grade η_{statA}	%	33,4
efficiency grade N_{actual} N_{target}		42,1 40
ErP-conformity		2015
grille influence		pressure side not measured

fan data

frequency (f_{DP}) (f_{max})	Hz	50 60
dimensions (w x h x d)	mm	760 x 760 x 235
product weight (m_{pr})	kg	23.1

PF:PF_50; Type:FN071-ADI; STol:+10 %

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performance curve / acoustics

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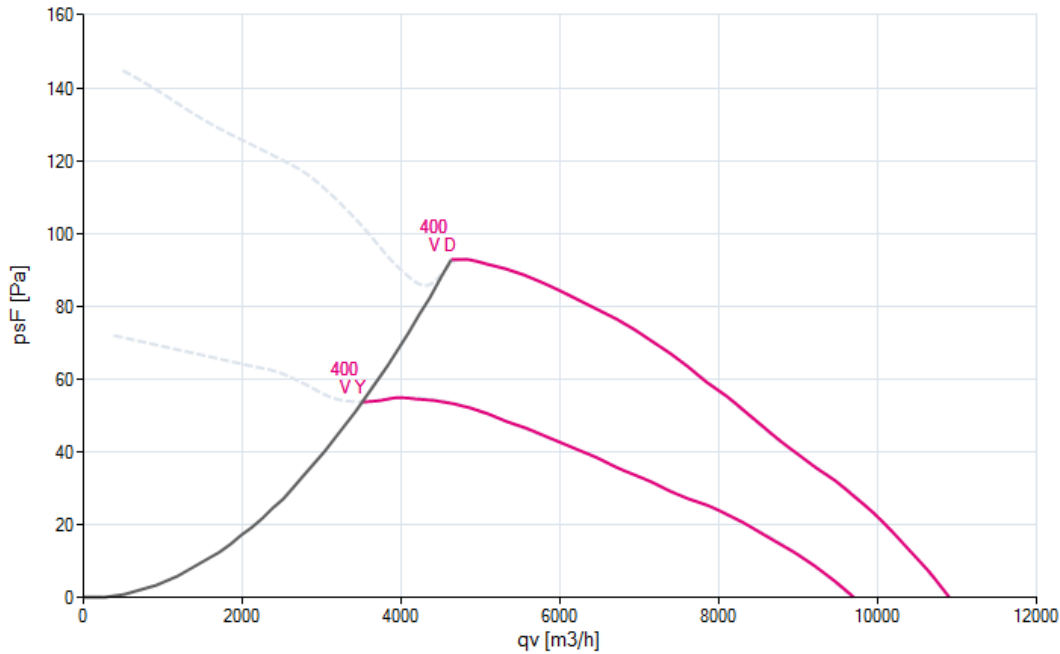
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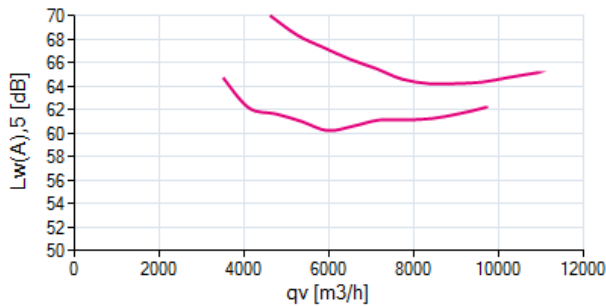
Measured in full nozzle without guard grille in air flow direction V in installation type A according to ISO5801

141800 | Portfolio STD-WW measurement density 1.18 [kg/m³]

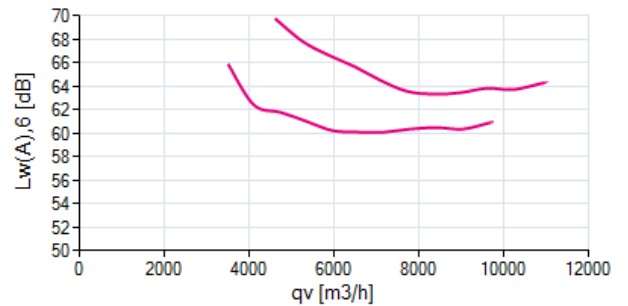
air performance p_{sF}



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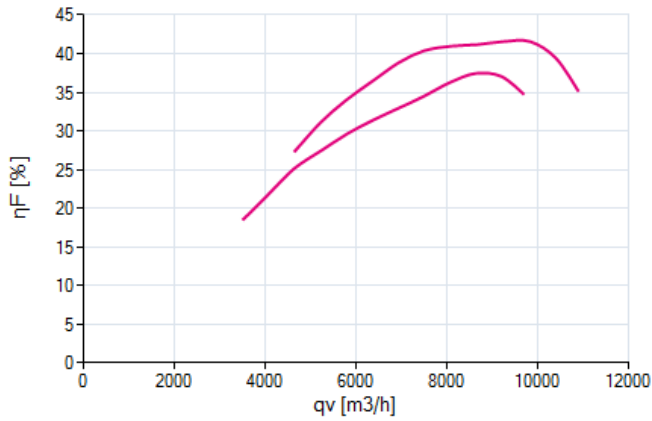
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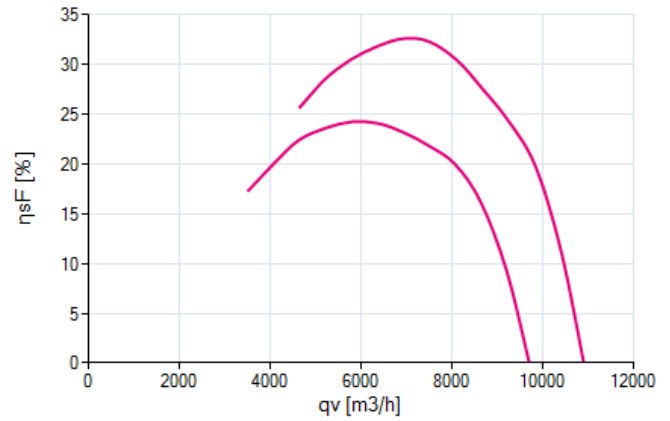
Measured in full nozzle without guard grille in air flow direction V in installation type A according to ISO5801

141800 | Portfolio STD-WW measurement density 1.18 [kg/m³]

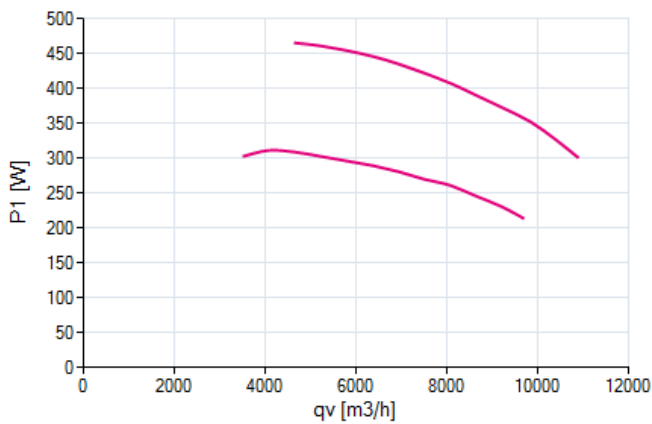
efficiency grade η_F



efficiency grade η_{sF}



power input P_1





nominal values

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141800

3~ 400V +10/-10 D/Y 50Hz P1 0.46/0.31kW
 1.10/0.60A DI=0% 680/540/MIN COSY 0.61 70°C
 3~ 400V +10/-10 D/Y 60Hz P1 0.68/0.32kW
 1.35/0.70A DI=0% 740/440/MIN COSY 0.73 70°C
 3~ 460V +10/-10 D/Y 60Hz P1 0.74/0.42kW
 1.30/0.76A DI=0% 780/510/MIN COSY 0.70 70°C
 IP54 THCL155

drawing

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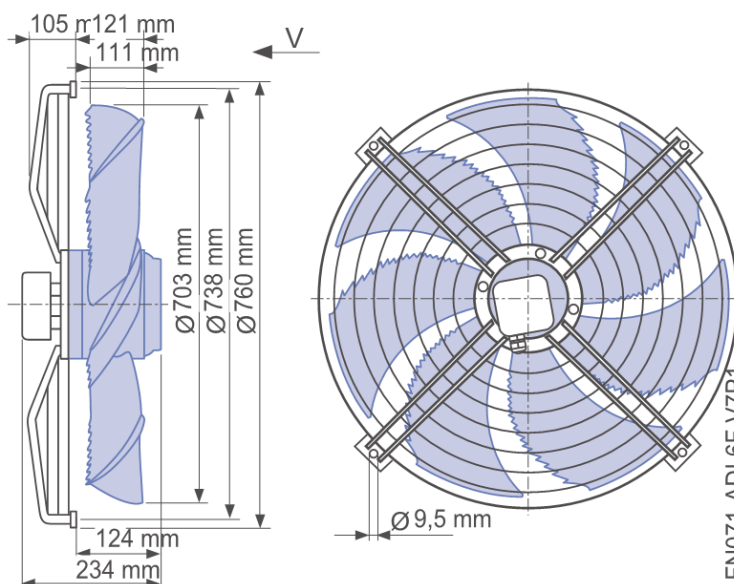
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wiring diagram

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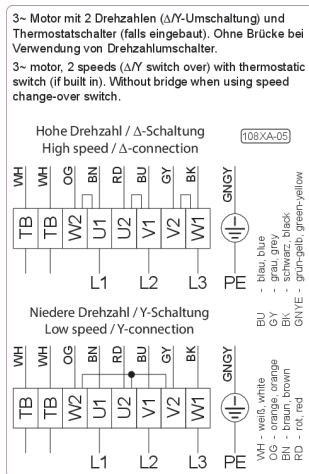
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system components

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