



fan data

14.11.2024

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



type	FN080-ADS.6N.V7
article no.	138763 Portfolio STD-WW

technical data

motor		AC
mains supply	-	3~ 400V 50Hz D
nominal current (I_N)	A	2.10
ambient temperature, max. limit (t_r)	°C	70
efficiency grade η_{statA}	%	33,4
efficiency grade N_{actual} N_{target}		40,3 40
ErP-conformity		2015
grille influence		pressure side measured

fan data

frequency (f_{DP}) (f_{max})	Hz	50 60
dimensions (w x h x d)	mm	866 x 866 x 162
product weight (m_{pr})	kg	36.5

PF:PF_50; Type:FN080-ADS.6N.V7; STol:+-10 %

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performance curve / acoustics

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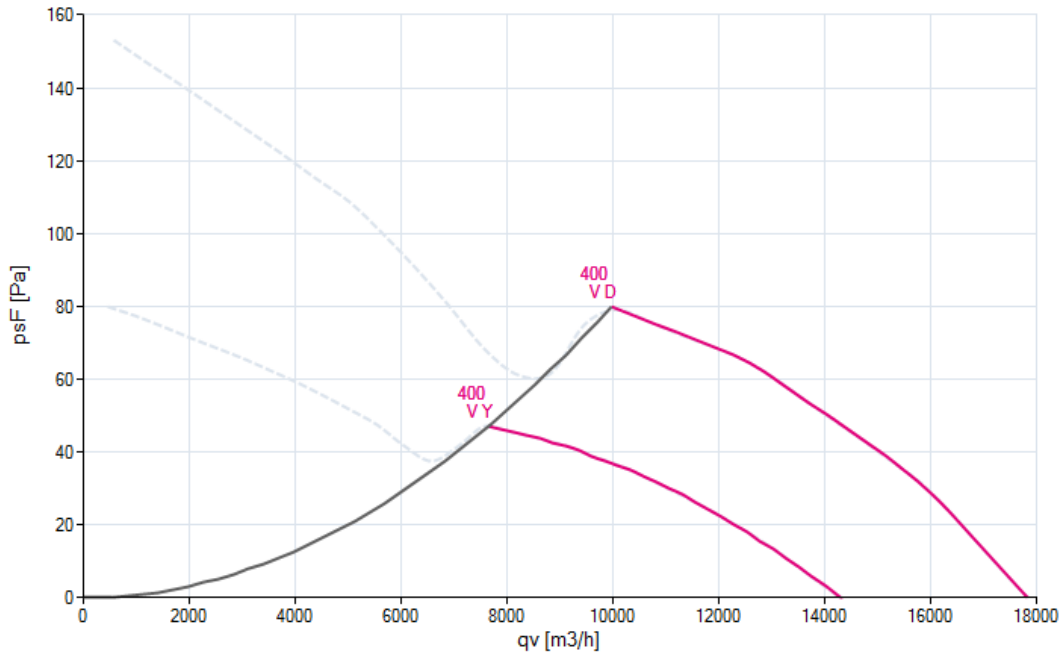
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1 FN080-ADS.6N.V7

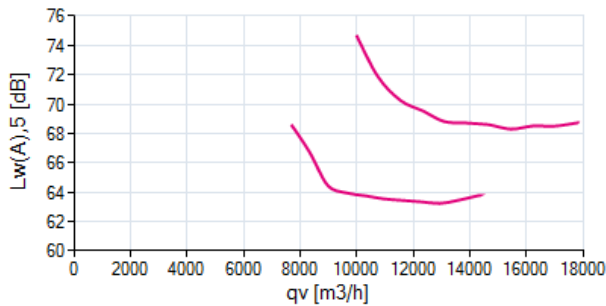
Measured in full nozzle with pressure side guard grille in air flow direction V in installation type A according to ISO5801

138763 | Portfolio STD-WW measurement density 1.16 [kg/m³]

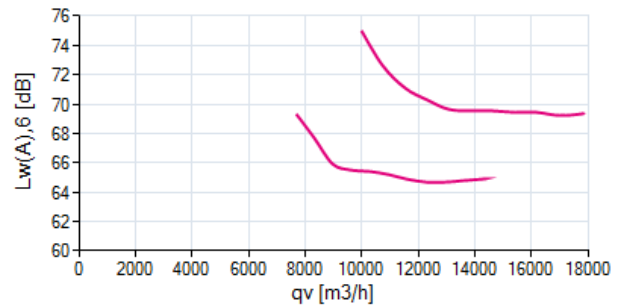
air performance p_{sF}



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



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



1 FN080-ADS.6N.V7

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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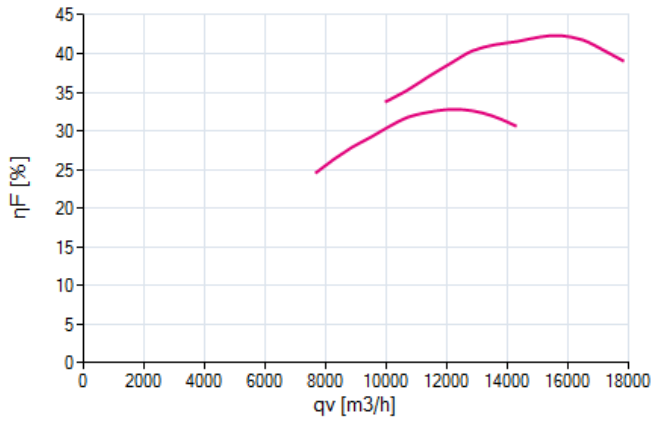
FN080-ADS.6N.V7

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

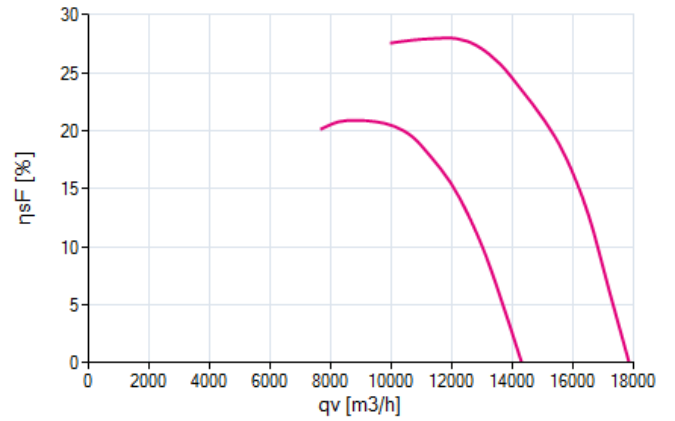
138763 | Portfolio STD-WW

measurement density 1.16 [kg/m³]

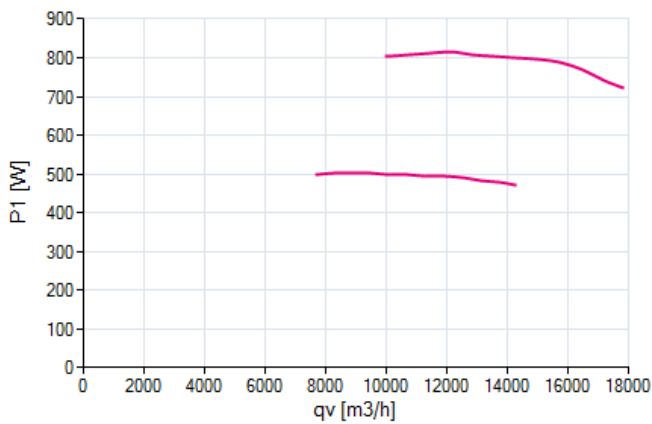
efficiency grade η_F



efficiency grade η_{sF}



power input P_1





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nominal values

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3~ 400V +10/-10 D/Y 50Hz P1 0.82/0.48kW P2 0.54/0.28kW
2.10/1.00A DI=0% 670/550/MIN COSY 0.56 70°C
3~ 400V +10/-10 D/Y 60Hz P1 1.10/0.52kW P2 0.64/0.19kW
2.40/1.10A DI=0% 720/520/MIN COSY 0.67 70°C
3~ 460V +10/-10 D/Y 60Hz P1 1.25/0.68kW P2 0.76/0.26kW
2.50/1.20A DI=0% 770/550/MIN COSY 0.63 70°C
IP54 THCL155

drawing

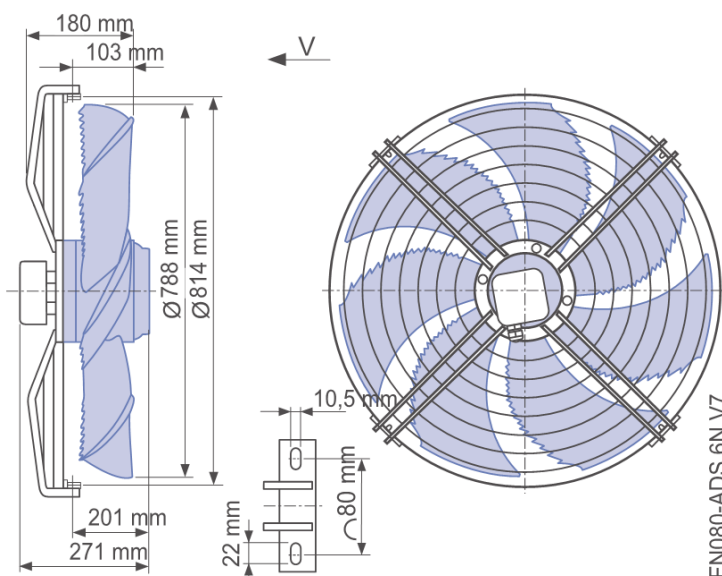
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wiring diagram

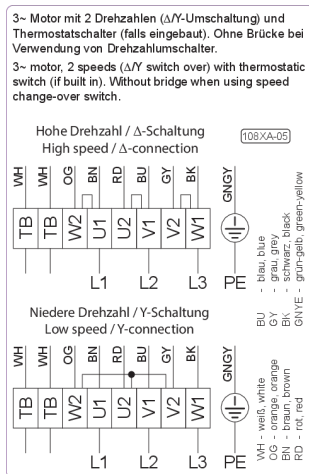
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system components

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type	FN080-ADS.6N.V7
article no.	138763

mechanical component	backdraft fan shutter
	type: SVK800 article no.: 00264387
	guide vane
	type: Ø 800 article no.: 00291515