



fan data

29.05.2023

version FANselect V 1.01 (230526), AMCA V 1.03 September, 2021
RLT V 1.00 Dezember, 2021 / 1.23.05.26 | 28707 | (user ZAFS18707)



type	FN080-SDA.6N.V7P5	
article no.	168784 Portfolio STD-WW	
note	-	design "A" - please check for additional components

technical data

motor	AC	
mains supply	-	3~ 400V 50Hz Y
nominal current (I _N)	A	2.00
ambient temperature, max. limit (t _r)	°C	60
efficiency grade η _{statA}	%	36,3
efficiency grade N _{actual} N _{target}	41,0 40	
ErP-conformity	2015	
grille influence	without	

fan data

frequency (f _{DP}) (f _{max})	Hz	50 50
product weight (m _{pr})	kg	26.9

nominal values

3~ 400V +10/-10 D/Y 50Hz P1 1.90/1.10kW P2 1.35/0.52kW
3.90/2.00A DI=0% 870/630/MIN COSY 0.70 60°C
IP54 THCL155

PF:PF_50; Ano:168784; STol:+-10 %





performance curve / acoustics

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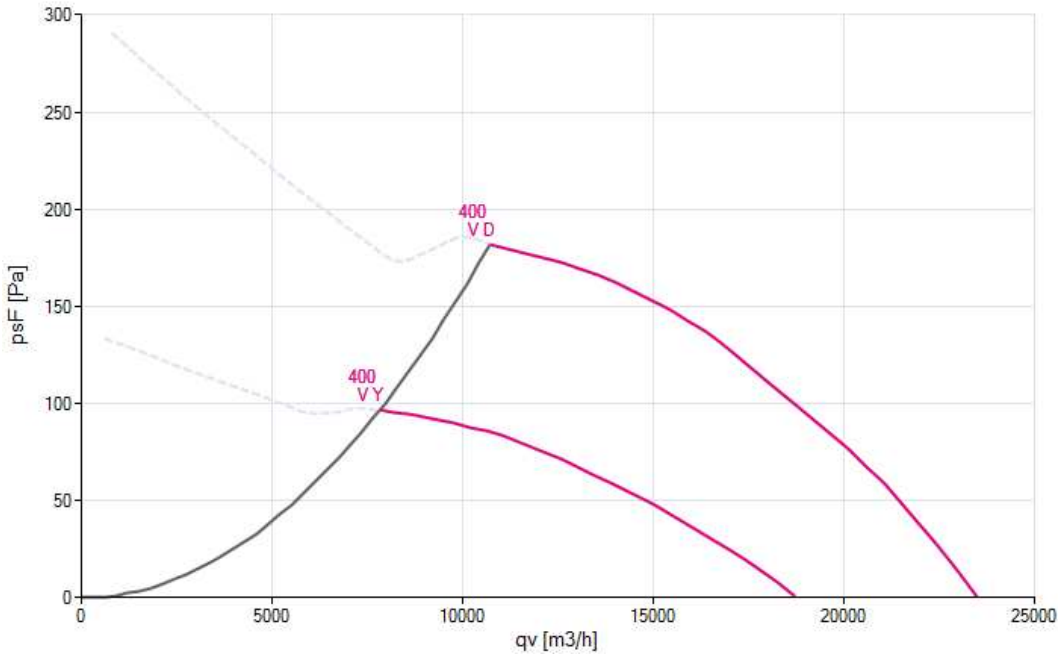
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FN080-SDA.6N.V7P5

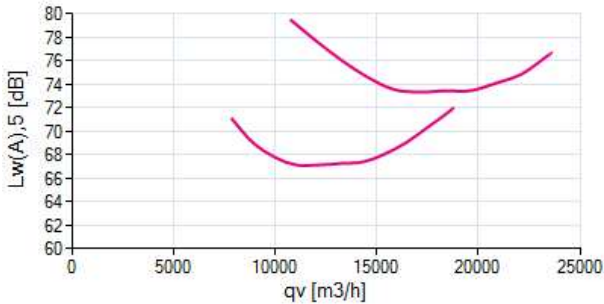
Measured in full nozzle without guard grille in air flow direction V in installation type A according to ISO5801

168784 | Portfolio STD-WW measurement density 1.16 [kg/m³]

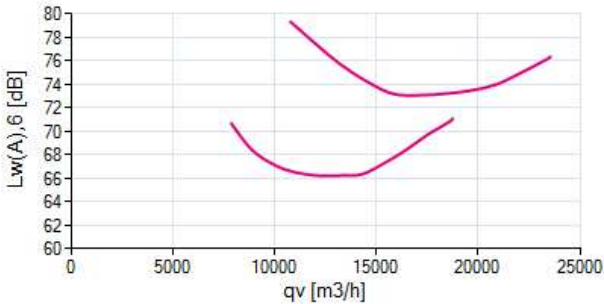
air performance p_{sF}



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

