



fan data

31.05.2023

version FANselect V 1.01 (230531), AMCA V 1.03 September, 2021
RLT V 1.00 Dezember, 2021 / 1.23.05.31 | 28707 | (user ZAFS18707)



type	FN050-VDW.41.A7P1
article no.	156556 Portfolio STD-WWW

technical data

motor		AC
mains supply	-	3~ 400V 50Hz Y
nominal current (I_N)	A	0.96
ambient temperature, max. limit (t_r)	°C	70
efficiency grade η_{statA}	%	34,2
efficiency grade N_{actual} N_{target}		41,3 40
ErP-conformity		2015
grille influence		pressure side not measured

fan data

frequency (f_{DP}) (f_{max})	Hz	50 50
product weight (m_{pr})	kg	13.8

nominal values

3~ 400V +10/-10 D/Y 50Hz P1 0.84/0.54kW P2 0.60/0.22kW
 1.45/0.96A DI=15% 1340/940/MIN COSY 0.80 70°C
 IP54 THCL155

PF:PF_50; Ano:156556; STol:+-10 %



performance curve / acoustics

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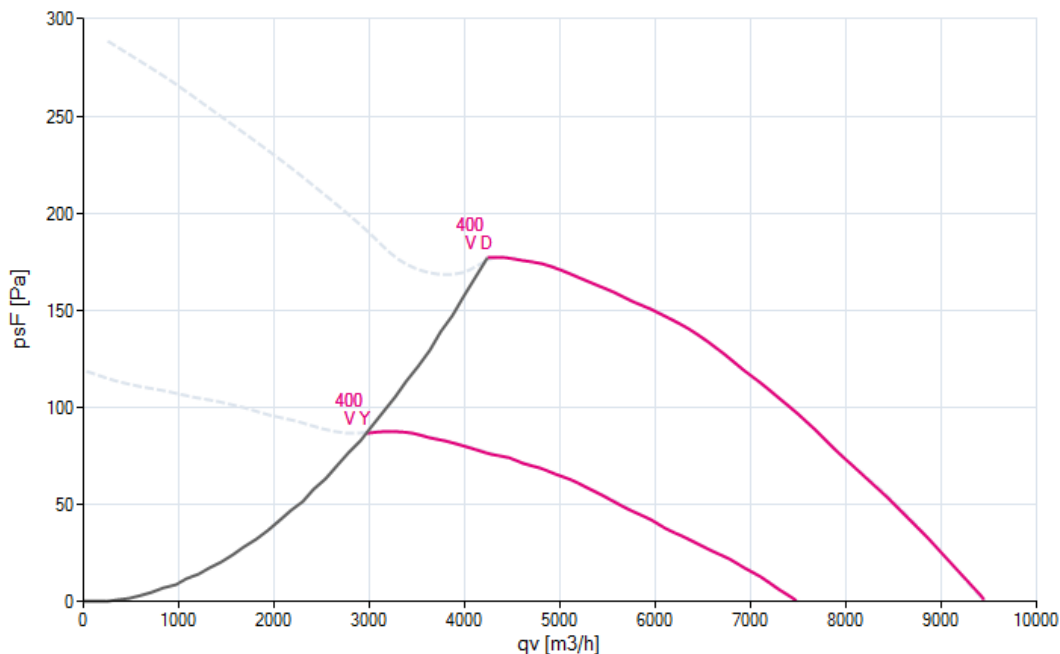
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1 FN050-VDW.4I.A7P1

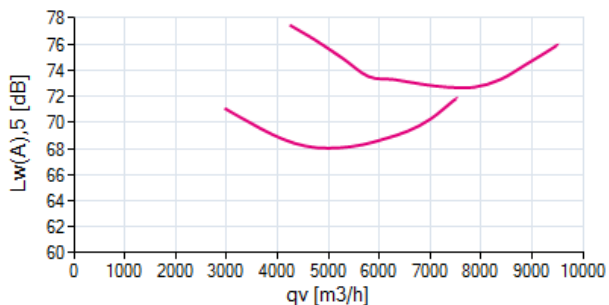
Measured in full nozzle without guard grille in air flow direction V in installation type A according to ISO5801

156556 | Portfolio STD-WW measurement density 1.16 [kg/m³]

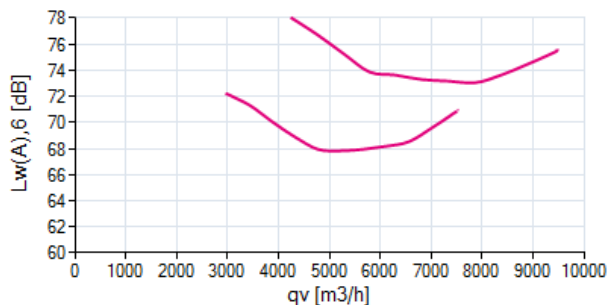
air performance p_{sF}



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



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



1 FN050-VDW.4I.A7P1

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