



## fan data

31.05.2023

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



type	<b>FN050-SDW.4F.A7P1</b>
article no.	155656 ZAondemand   Portfolio STD-WW

## technical data

motor		AC
mains supply	-	3~ 400V 50Hz D
nominal current (I <sub>N</sub> )	A	0.74
ambient temperature, max. limit (t <sub>r</sub> )	°C	70
efficiency grade $\eta_{statA}$	%	30,1
efficiency grade N <sub>actual</sub>   N <sub>target</sub>		<b>40,2</b>   40
ErP-conformity		2015
grille   influence		pressure side   not measured

## fan data

frequency (f <sub>DP</sub> )   (f <sub>max</sub> )	Hz	<b>50</b>   60
product weight (m <sub>pr</sub> )	kg	11.7

## nominal values

3~ 400V +10/-10 D/Y 50Hz P1 0.29/0.15kW  
 0.74/0.36A DI=0% 880/590/MIN COSY 0.57 70°C  
 3~ 400V +10/-10 D/Y 60Hz P1 0.38/0.13kW  
 0.88/0.34A DI=0% 860/490/MIN COSY 0.62 65°C  
 3~ 460V +10/-10 D/Y 60Hz P1 0.44/0.18kW  
 0.90/0.39A DI=0% 970/570/MIN COSY 0.62 65°C  
 IP54 THCL155

PF:PF\_50; Ano:155656; STol:+-10 %



performance curve / acoustics

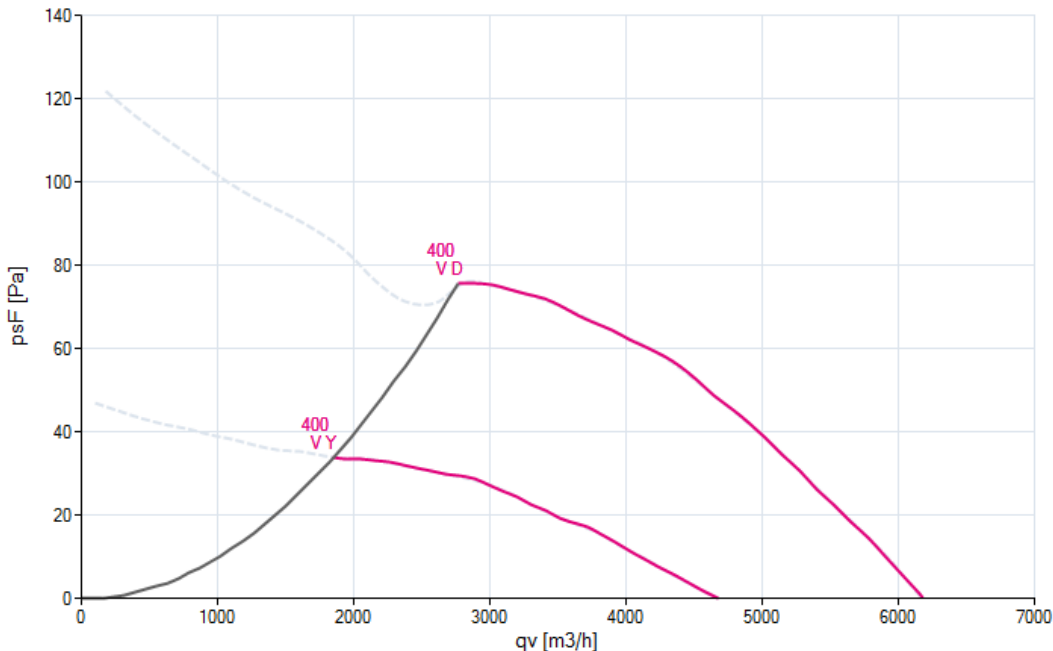
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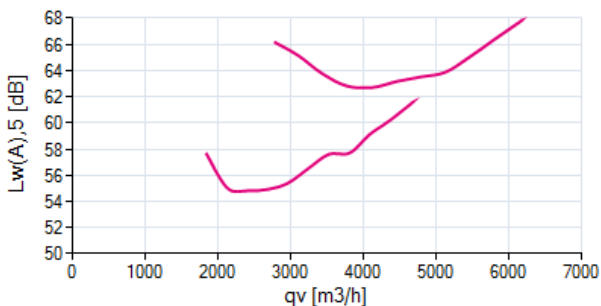
**1** FN050-SDW.4F.A7P1  
155656 ZAondemand |  
Portfolio STD-WW

Measured in full nozzle without guard grille in air flow direction V in installation type A according to ISO5801  
measurement density 1.16 [kg/m³]

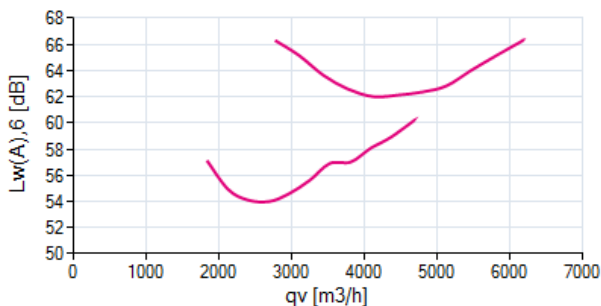
air performance  $p_{sF}$



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



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



1 FN050-SDW.4F.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
$L_{w(A),6}$	-	-	-	-	-	-	-	-	-
$L_{w,6}$	-	-	-	-	-	-	-	-	-