



## fan data

17.05.2023

version FANselect V 1.01 (230517), AMCA V 1.03 September, 2021&lt;br&gt;RLT V 1.00 Dezember, 2021 / 1.23.05.17 | 28707 | (user ZAFS18707)

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type	FF091-6ET.6F.A3P2
article no.	159998   Portfolio STD-WWW

## technical data

motor		AC
mains supply	-	1~ 230V 50Hz Y
nominal current ( $I_N$ )	A	4.20
capacitor ( $C_{400V}$ )	$\mu F$	20.0
ambient temperature, max. limit ( $t_r$ )	$^{\circ}C$	55
efficiency grade $\eta_{statA}$	%	34,2
efficiency grade $N_{actual}$   $N_{target}$		40,8   40
ErP-conformity		2015
grille   influence		without

## fan data

fan speed ( $n$ )   max. ( $n_{max}$ )	1/min	-   900
frequency ( $f_{DP}$ )   ( $f_{max}$ )	Hz	50   50
product weight ( $m_{pr}$ )	kg	19.5

## nominal values

1~ 230V +10/-10 Y 50Hz P1 0.94kW  
4.20A DI=0% 840/MIN 20.0 $\mu F$ /400V 55 $^{\circ}C$   
IP54 THCL155

PF:PF\_50; Ano:159998; STol:+-10 %



performance curve / acoustics

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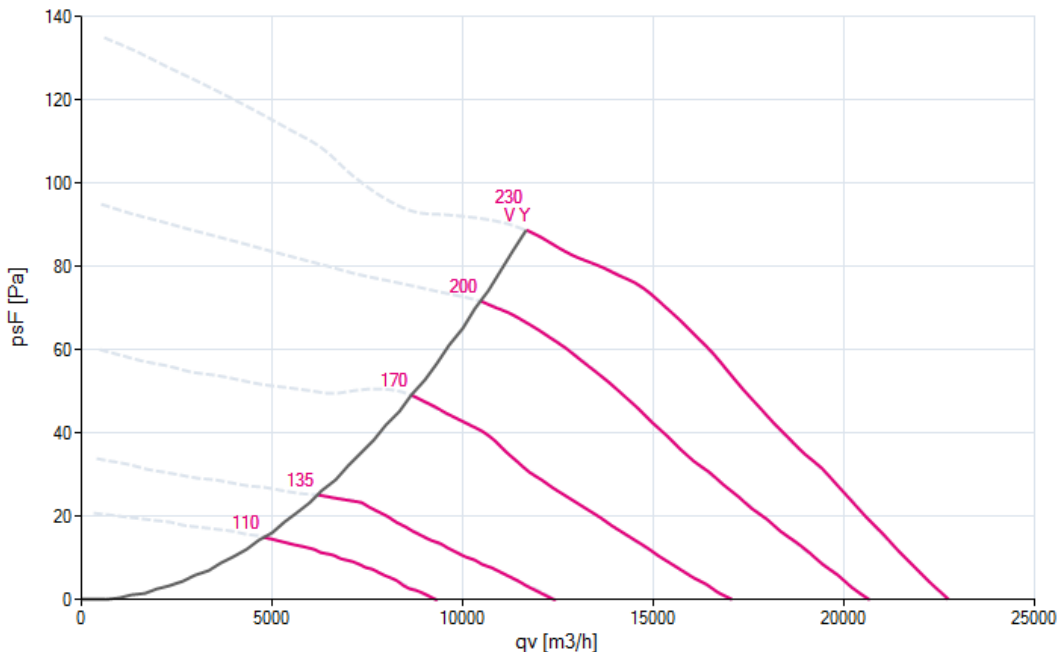
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FF091-6ET.6F.A3P2

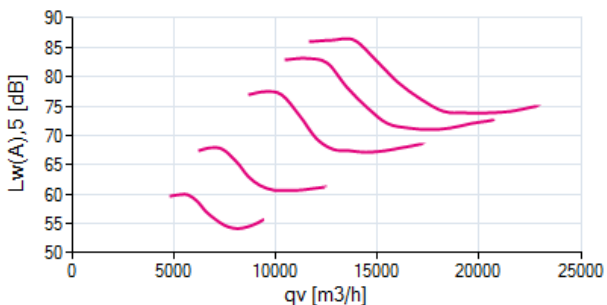
Measured in full nozzle without guard grille in air flow direction A in installation type A according to ISO5801

159998 | Portfolio STD-WW measurement density 1.16 [kg/m³]

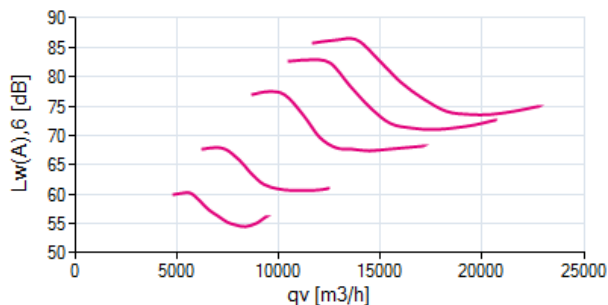
air performance  $p_{sF}$



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