

fan data

17.05.2023

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



type	FF091-6DT.6F.A3P2
article no.	159993 Portfolio STD-WWW

technical data

motor		AC
mains supply	-	3~ 230V 50Hz D
nominal current (I _N)	A	3.30
ambient temperature, max. limit (t _r)	°C	70
efficiency grade η_{statA}	%	40,3
efficiency grade N _{actual} N _{target}		46,9 40
ErP-conformity		2015
grille influence		without

fan data

frequency (f _{DP}) (f _{max})	Hz	50 60
dimensions (w x h x d)	mm	910 x 910 x 223
product weight (m _{pr})	kg	19.5

nominal values

3~ 230/400V +10/-10 D/Y 50Hz P1 0.92kW
 3.30/1.90A DI=0% 880/MIN COSY 0.69 70°C
 3~ 230/400V +10/-10 D/Y 60Hz P1 1.30kW
 4.20/2.40A DI=0% 930/MIN COSY 0.77 45°C
 3~ 265/460V +10/-10 D/Y 60Hz P1 1.45kW
 4.20/2.40A DI=0% 1000/MIN COSY 0.75 45°C
 IP54 THCL155

PF:PF_50; Ano:159993; STol:+-10 %



performance curve / acoustics

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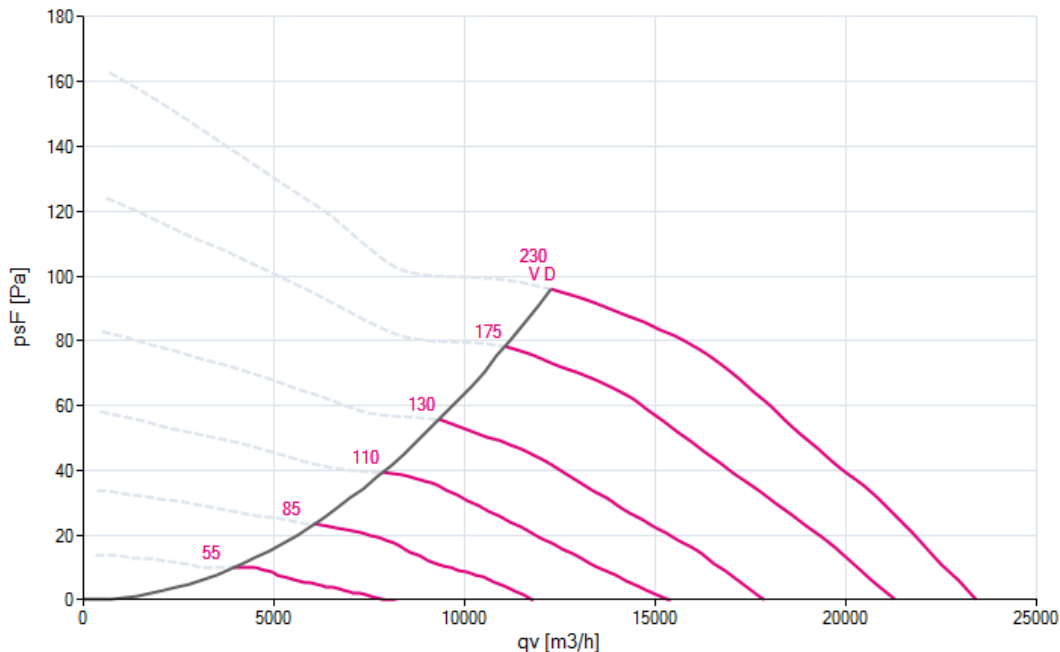
1

FF091-6DT.6F.A3P2

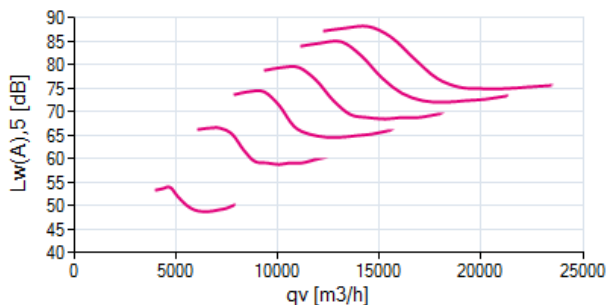
Measured in full nozzle without guard grille in air flow direction A in installation type A according to ISO5801

159993 | Portfolio STD-WW measurement density 1.16 [kg/m³]

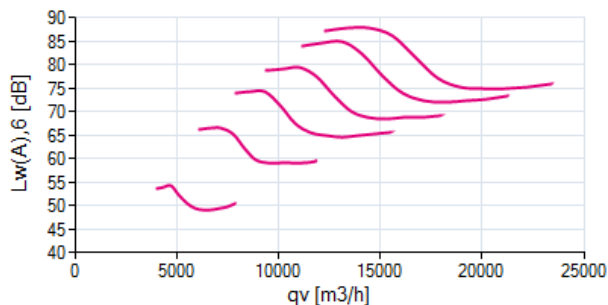
air performance p_{sF}



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