



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	FN091-ZIT.GL.A5P1
article no.	184411 Portfolio STD-WWW

technical data

motor		ECblue
Efficiency class		IE5
mains supply	-	3~ 400V 50Hz Y
ambient temperature, max. limit (t_r)	°C	40
efficiency grade η_{statA}	%	52,4
efficiency grade N_{actual} N_{target}		55,5 40
ErP-conformity		2015 EC controller integrated
grille influence		without

fan data

fan speed (n) max. (n_{max})	1/min	- 1130
frequency (f_{DP}) (f_{max})	Hz	50 60
dimensions (w x h x d)	mm	899 x 865 x 247
product weight (m_{pr})	kg	33.2

nominal values

3~ 380-480V Y 50Hz P1 3.50kW
 5.60-4.40A 1130/MIN 40°C
 3~ 380-480V Y 60Hz P1 3.50kW
 5.60-4.40A 1130/MIN 40°C
 IP55 plus THCL155

PF:PF_50; Ano:168022; STol:+-10 %

FANselect



performance curve / acoustics

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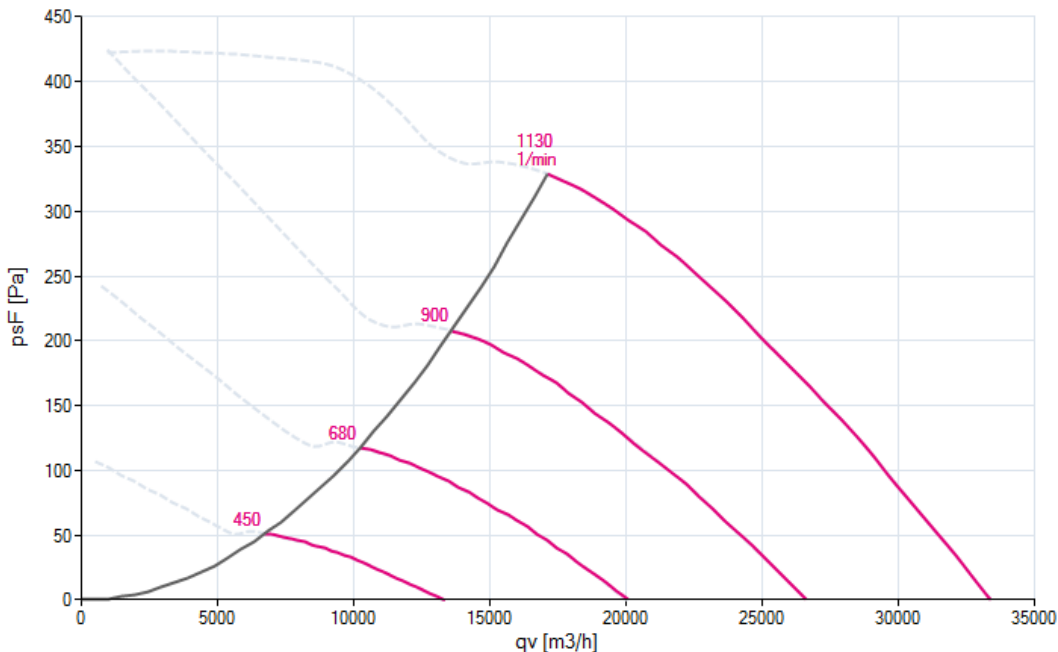
FN091-ZIT.GL.A5P1

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

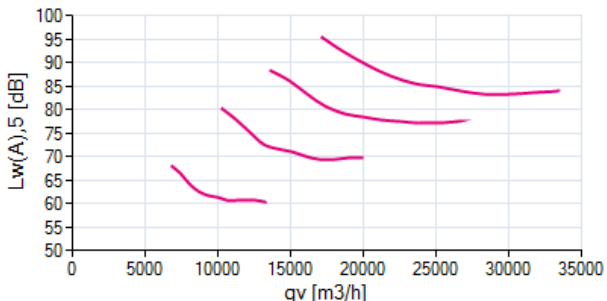
184411 | Portfolio STD-WW

measurement density 1.16 [kg/m³]

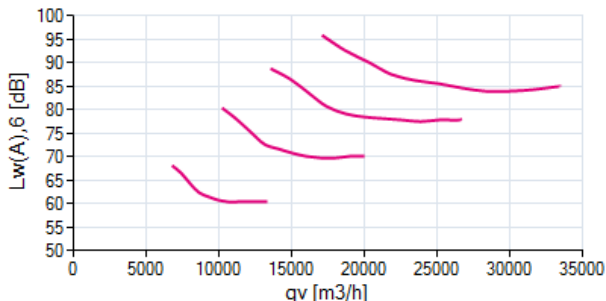
air performance p_{sF}



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