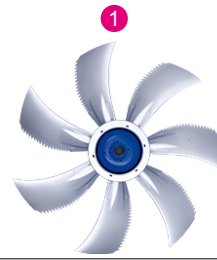




fan data

24.05.2023

version FANselect V 1.01 (230524), AMCA V 1.03 September, 2021
RLT V 1.00 Dezember, 2021 / 1.23.05.24 | 28707 | (user ZAFS18707)



type	FN091-ZIQ.GL.A5P1
article no.	183920 Portfolio STD-WWW

technical data

motor		ECblue
Efficiency class		IE5
mains supply	-	3~ 400V 50Hz Y
ambient temperature, max. limit (t_r)	°C	60
efficiency grade η_{statA}	%	53,2
efficiency grade N_{actual} N_{target}		56,5 40
ErP-conformity		2015 EC controller integrated
grille influence		pressure side measured

fan data

fan speed (n) max. (n_{max})	1/min	- 1100
frequency (f_{DP}) (f_{max})	Hz	50 60
dimensions (w x h x d)	mm	1070 x 1070 x 304
product weight (m_{pr})	kg	55.7

nominal values

3~ 380-480V Y 50Hz P1 3.20kW
 5.00-3.90A 1100/MIN 60°C
 3~ 380-480V Y 60Hz P1 3.20kW
 5.00-3.90A 1100/MIN 60°C
 IP55 THCL155

PF:PF_50; Ano:183920; STol:+-10 %

FANselect



performance curve / acoustics

24.05.2023

Version FANselect V 1.01 (230524), AMCA V 1.03 September, 2021
RLT V 1.00 Dezember, 2021 / 1.23.05.24 | 28707 | (user ZAFS18707)

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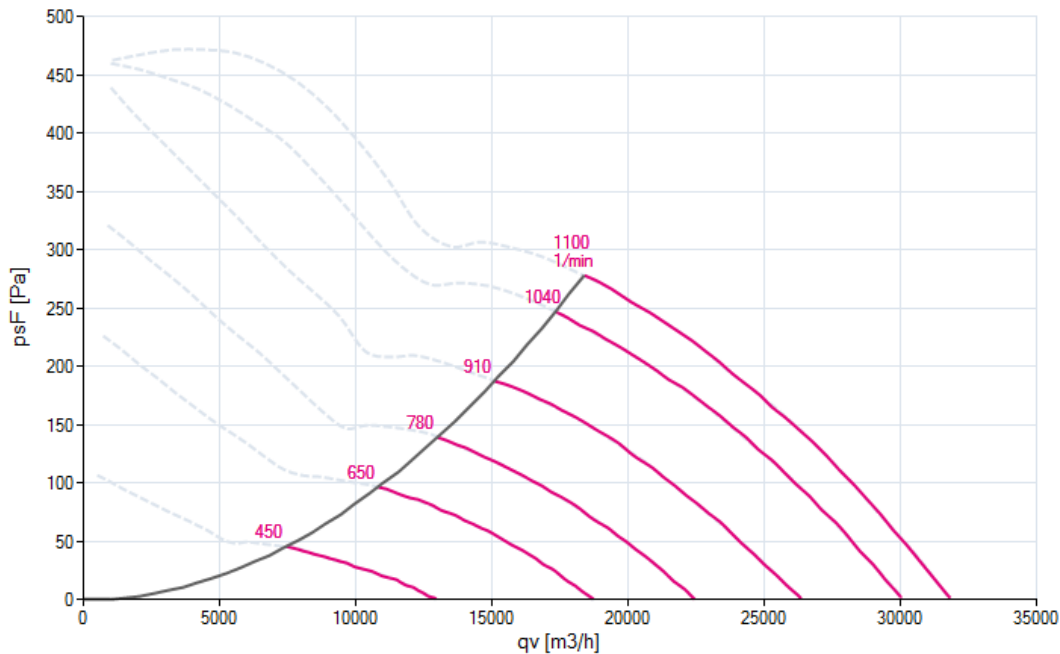
FN091-ZIQ.GLA5P1

Measured in full nozzle with pressure side guard grille in air flow direction V in installation type A according to ISO5801

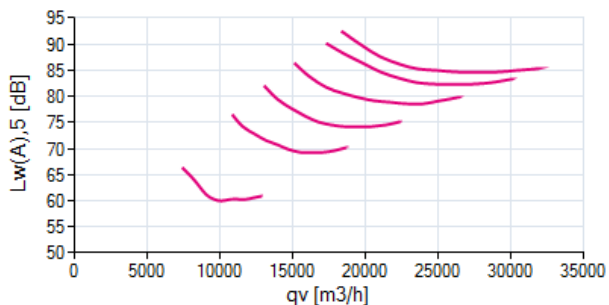
183920 | Portfolio STD-WW

measurement density 1.16 [kg/m³]

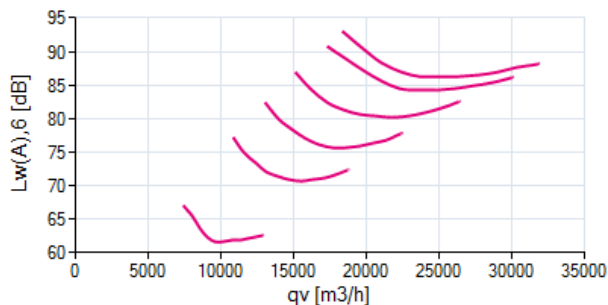
air performance p_{sF}



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



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



1 FN091-ZIQ.GLA5P1

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