



fan data

30.05.2023

version FANselect V 1.01 (230530), AMCA V 1.03 September, 2021
RLT V 1.00 Dezember, 2021 / 1.23.05.30 | 28707 | (user ZAFS18707)

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type	ZN091-ZIL.GG.V5P1
article no.	180680 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}	% 61,8
efficiency grade N_{actual} N_{target}	66,5 40
ErP-conformity	2015 EC controller integrated
grille influence	pressure side measured

fan data

fan speed (n) max. (n _{max})	1/min	- 930
frequency (f_{DP}) (f _{max})	Hz	50 60
dimensions (w x h x d)	mm	1063 x 1063 x 385
product weight (m _{pr})	kg	40.4

nominal values

3~ 380-480V Y 50Hz P1 1.90kW
 3.10-2.50A 930/MIN 60°C
 3~ 380-480V Y 60Hz P1 1.90kW
 3.10-2.50A 930/MIN 60°C
 IP55 THCL155

PF:PF_50; Ano:180680; STol:+-10 %

FANselect



performance curve / acoustics

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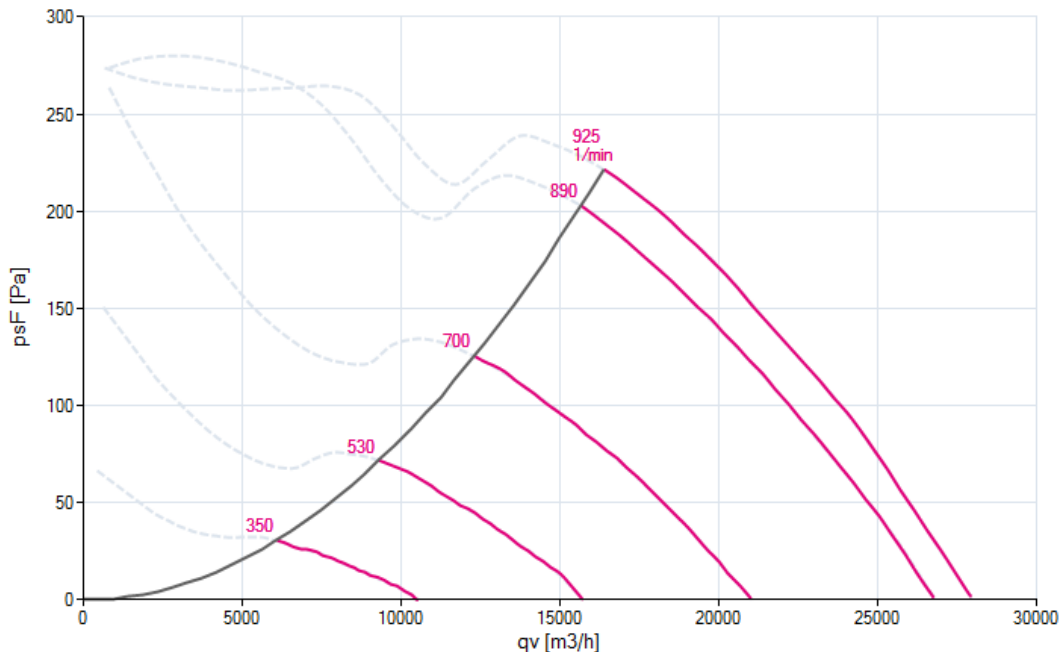
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ZN091-ZIL.GG.V5P1

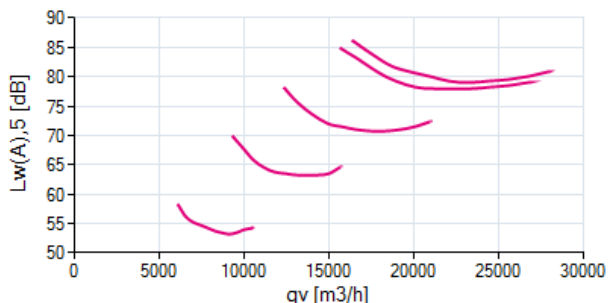
Measured in ZPlus with pressure side guard grille in air flow direction V in installation type A according to ISO5801

180680 | Portfolio STD-WW measurement density 1.16 [kg/m³]

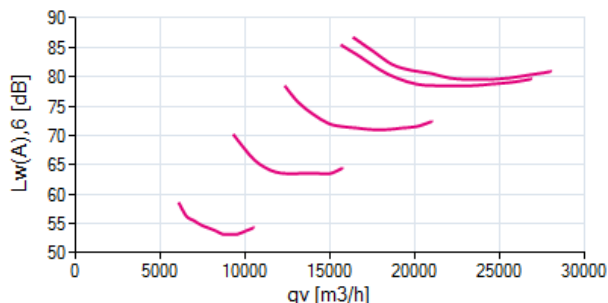
air performance p_{sF}



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