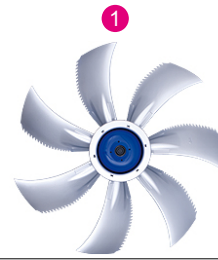




fan data

05.11.2024

version FANselect V 1.01 (241105), AMCA V 1.03 September, 2021
RLT V 1.00 Dezember, 2021 / 1.24.11.05 | 30813 | (user ZAFS20813)



type	FN091-ZIQ.GG.V5P1
article no.	185779 Portfolio STD-WW

technical data

motor		ECblue
Efficiency class		IE5
mains supply	-	3~ 230V 50Hz
ambient temperature, max. limit (t_r)	°C	65
efficiency grade η_{statA}	%	53,6
efficiency grade N_{actual} N_{target}		58,0 40
ErP-conformity		2015 EC controller integrated
grille influence		pressure side measured

fan data

fan speed (n) max. (n_{max})	1/min	- 950
frequency (f_{DP}) (f_{max})	Hz	50 60
dimensions (w x h x d)	mm	1070 x 1070 x 309
product weight (m_{pr})	kg	51.1

PF:PF_50; Type:FN091-ZIQ.GG.V5; STol:+-10 %

FANselect



performance curve / acoustics

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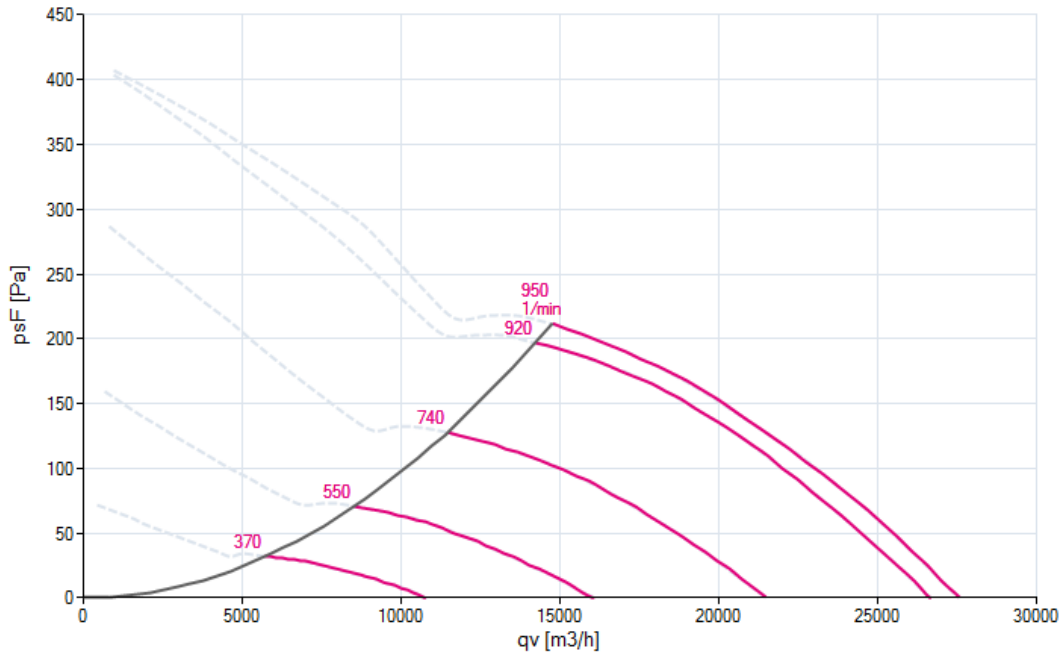
FN091-ZIQ.GG.V5P1

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

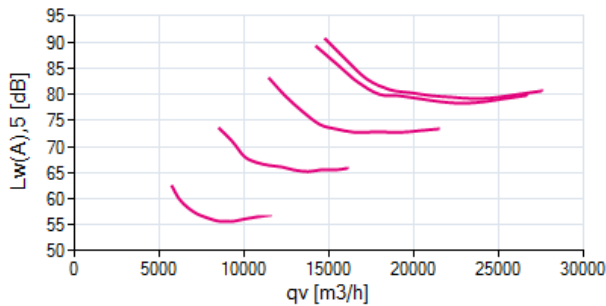
185779 | Portfolio STD-WW

measurement density 1.17 [kg/m³]

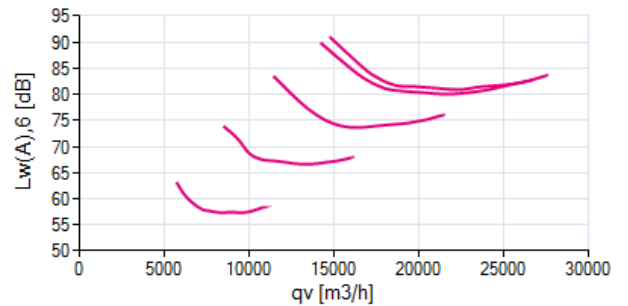
air performance p_{sF}



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

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efficiency grade / power input

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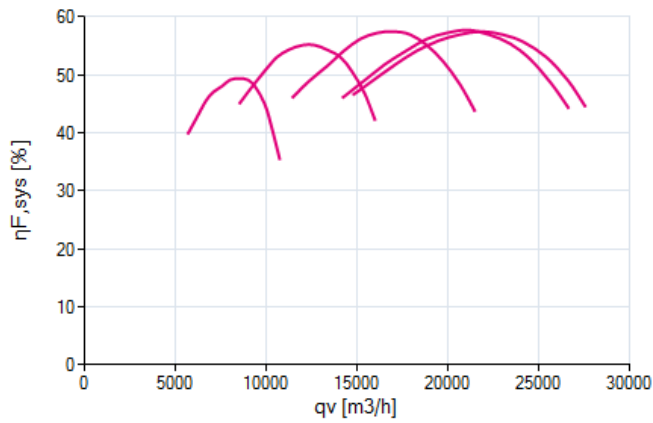
FN091-ZIQ.GG.V5P1

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

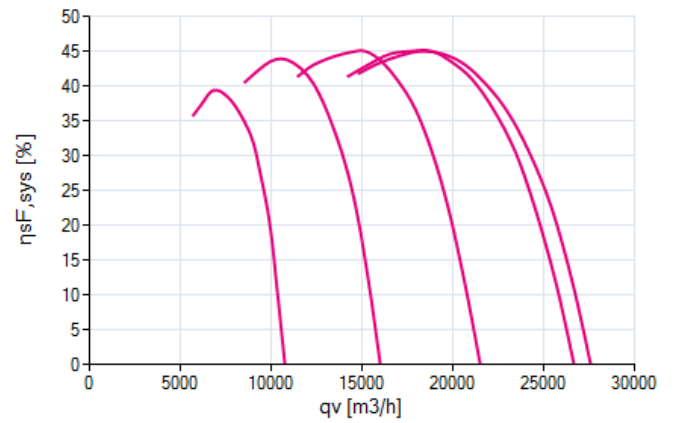
185779 | Portfolio STD-WW

measurement density 1.17 [kg/m³]

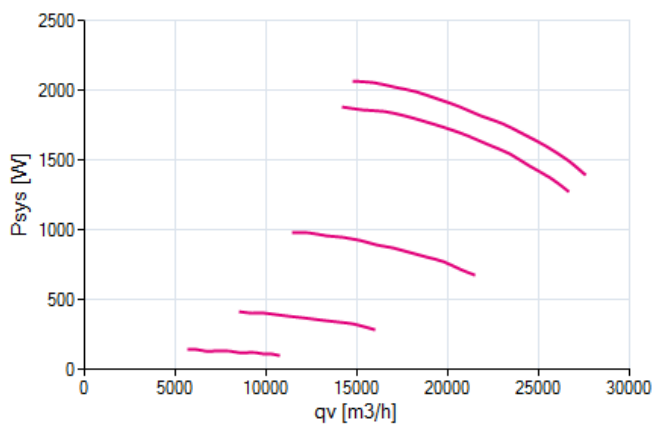
efficiency grade $\eta_{F,sys}$



efficiency grade $\eta_{sF,sys}$



power input P_{sys}



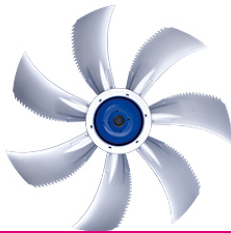


nominal values

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3~ 200-240V 50Hz P1 2.10kW
6.40-5.40A 950/MIN 65°C
3~ 200-240V 60Hz P1 2.10kW
6.40-5.40A 950/MIN 65°C
IP55 THCL155

drawing

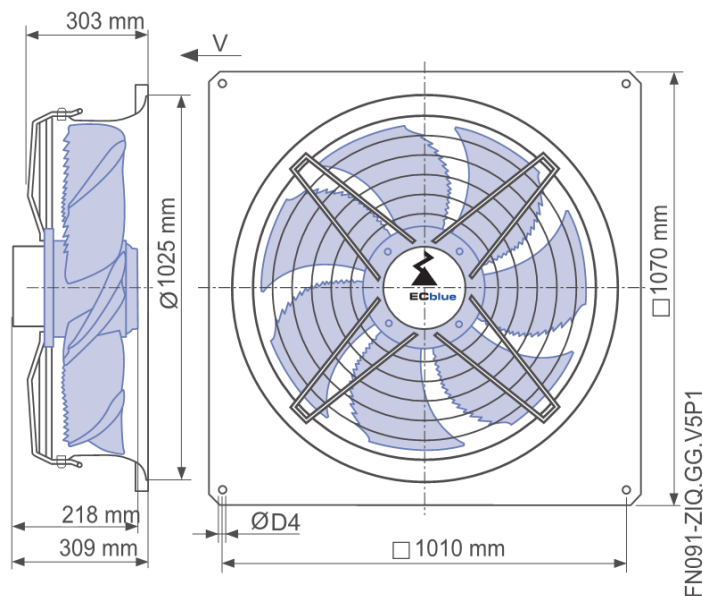
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wiring diagram

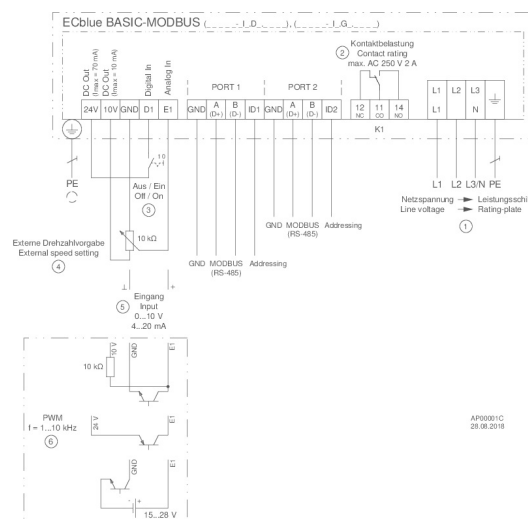
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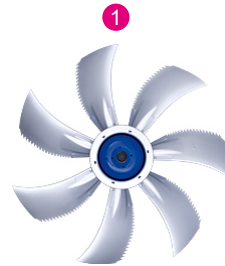
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system components

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