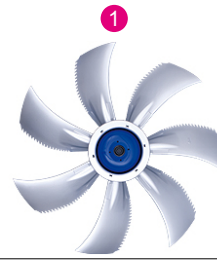




fan data

27.01.2025

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type	FN080-ZII.GL.V7P3
article no.	183869 Portfolio STD-WW

technical data

motor		ECblue
Efficiency class		IE5
mains supply	-	3~ 400V 50Hz
ambient temperature, max. limit (t_r)	°C	65
efficiency grade η_{statA}	%	48,2
efficiency grade N_{actual} N_{target}		51,6 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	816 x 816 x 249
product weight (m_{pr})	kg	36.2

PF:PF_50; Type:FN080-ZII; STol:+-10 %

FANselect



performance curve / acoustics

27.01.2025

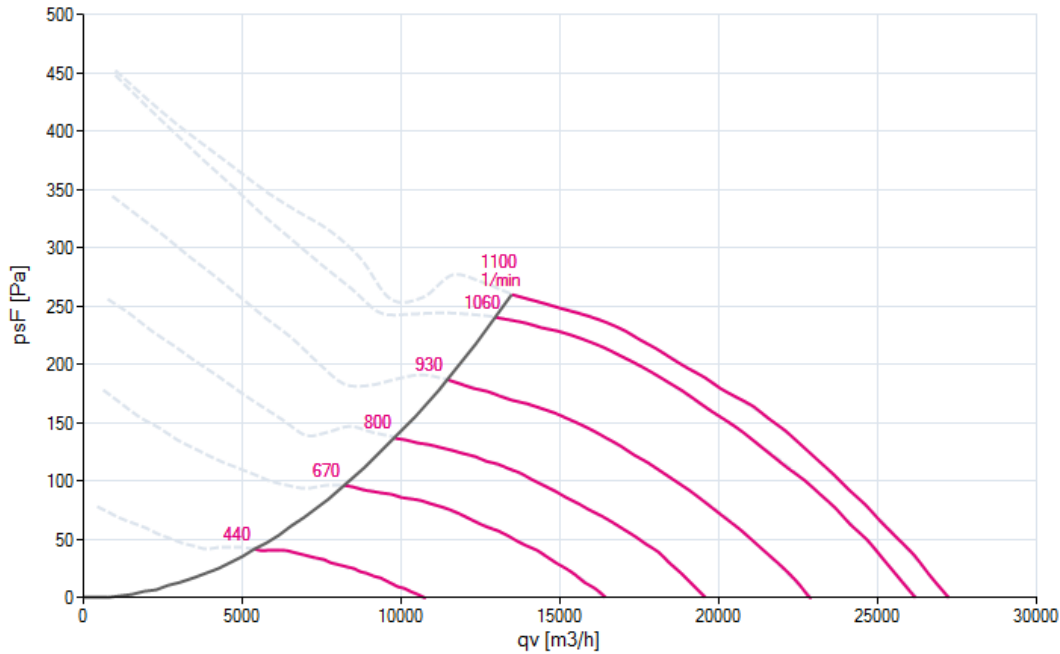
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1 FN080-ZII.GL.V7P3

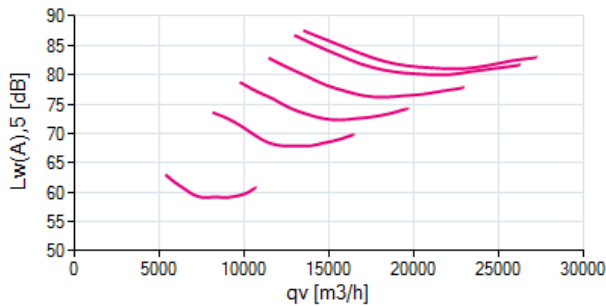
Measured in full nozzle with pressure side guard grille in air flow direction V in installation type A according to ISO5801

183869 | Portfolio STD-WW measurement density 1.18 [kg/m³]

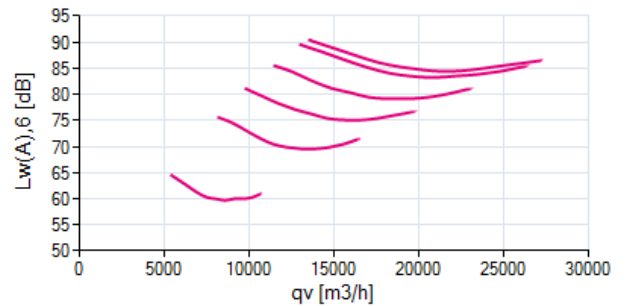
air performance p_{sF}



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



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



1 FN080-ZII.GL.V7P3

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

FANselect



efficiency grade / power input

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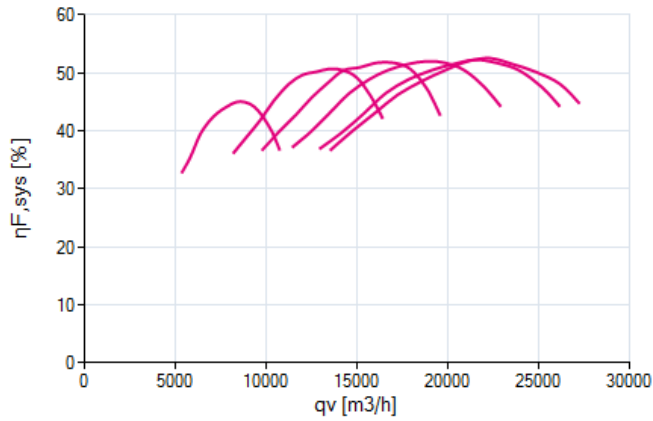
FN080-ZII.GL.V7P3

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

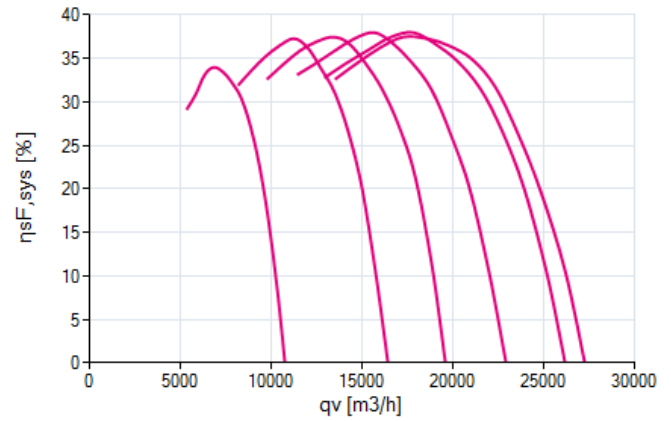
183869 | Portfolio STD-WW

measurement density 1.18 [kg/m³]

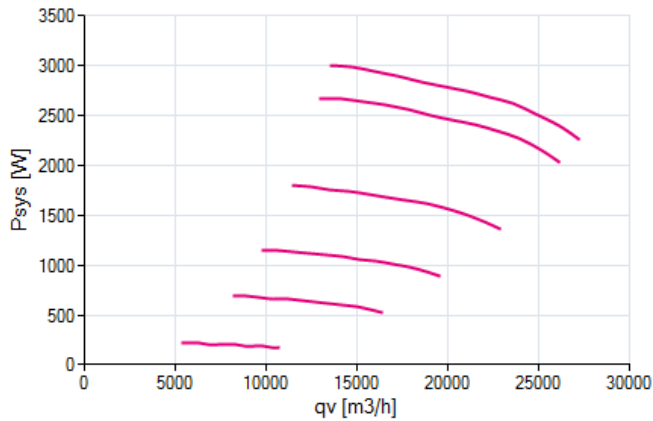
efficiency grade $\eta_{F,sys}$



efficiency grade $\eta_{sF,sys}$



power input P_{sys}



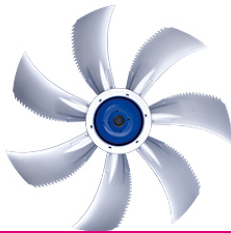


nominal values

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FN080-ZII.GL.V7P3
183869

3~ 380-480V 50Hz P1 3.10kW
4.80-3.80A 1100/MIN 65°C
3~ 380-480V 60Hz P1 3.10kW
4.80-3.80A 1100/MIN 65°C
IP55 THCL155

drawing

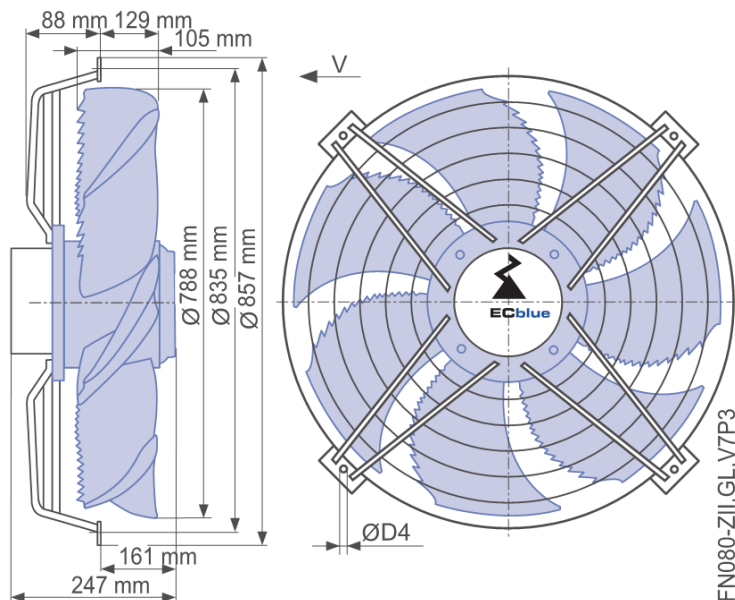
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wiring diagram

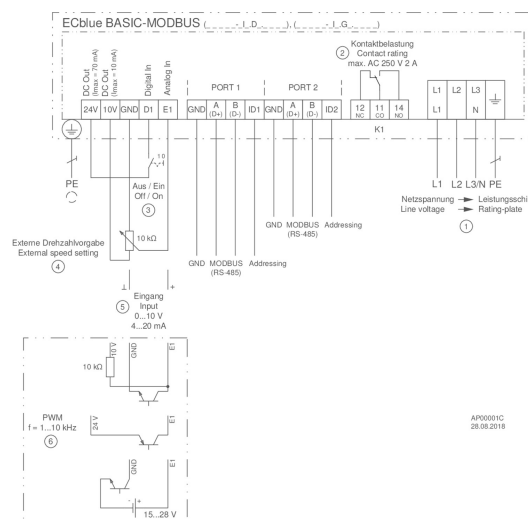
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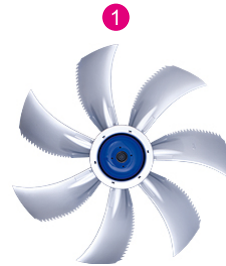




system components

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article no.	183869