



fan data

04.11.2024

version FANselect V 1.01 (241104), AMCA V 1.03 September, 2021
RLT V 1.00 Dezember, 2021 / 1.24.11.04 | 30813 | (user ZAFS20813)



type	FN040-4EK.0F.V7P1
article no.	152728 Portfolio STD-WWW

technical data

motor		AC
mains supply	-	1~ 230V 50Hz
nominal current (I_N)	A	1.05
capacitor (C_{400V})	μF	5.0
ambient temperature, max. limit (t_r)	$^{\circ}C$	65
efficiency grade η_{statA}	%	31,1
efficiency grade N_{actual} N_{target}		41,3 40
ErP-conformity		2015
grille influence		pressure side measured

fan data

fan speed (n) max. (n_{max})	1/min	- 1422
frequency (f_{DP}) (f_{max})	Hz	50 60
dimensions (w x h x d)	mm	492 x 492 x 187
product weight (m_{pr})	kg	5.5

PF:PF_50; Type:FN040; STol:+-10 %

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performance curve / acoustics

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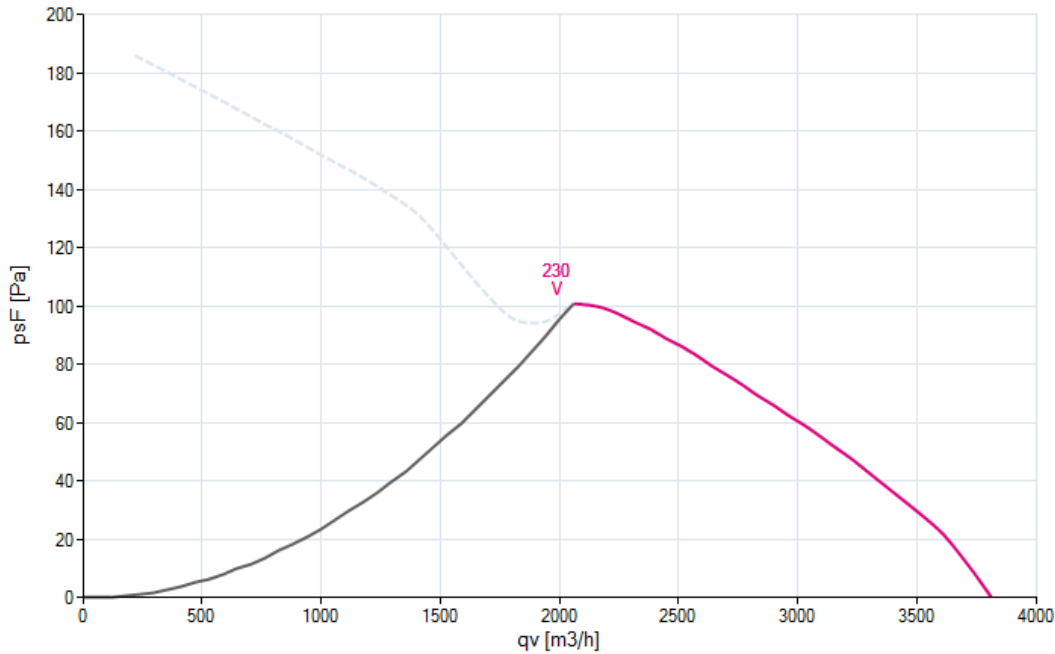
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1 FN040-4EK.0F.V7P1

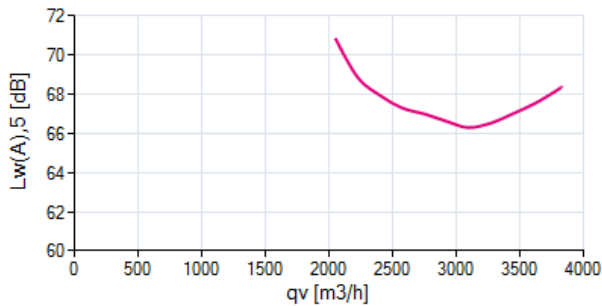
Measured in short nozzle with pressure side guard grille in air flow direction V in installation type A according to ISO5801

152728 | Portfolio STD-WW measurement density 1.14 [kg/m³]

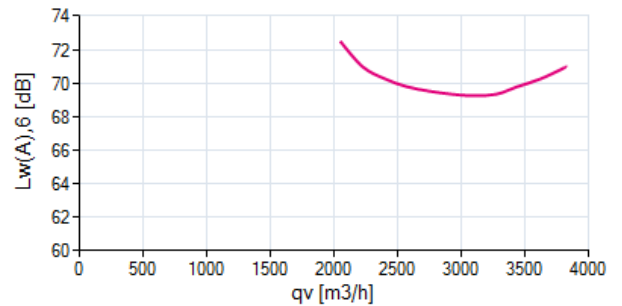
air performance p_{sF}



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



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



1 FN040-4EK.0F.V7P1

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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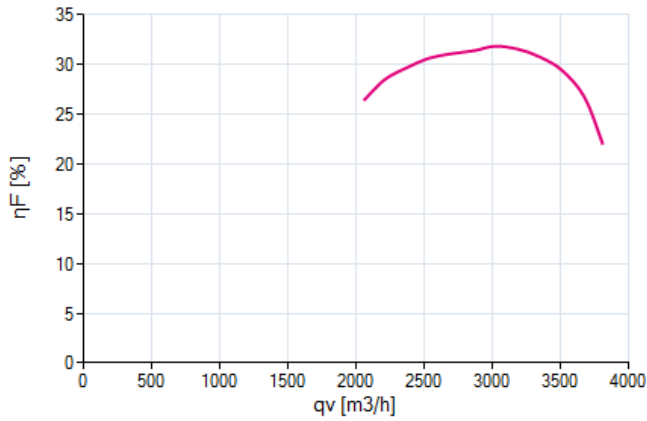
FN040-4EK.0F.V7P1

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

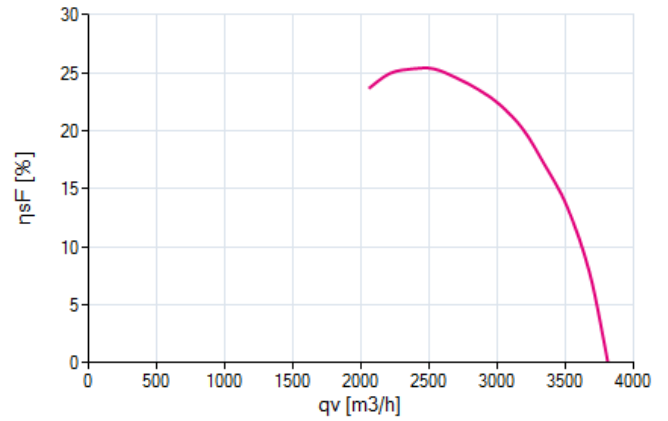
152728 | Portfolio STD-WW

measurement density 1.14 [kg/m³]

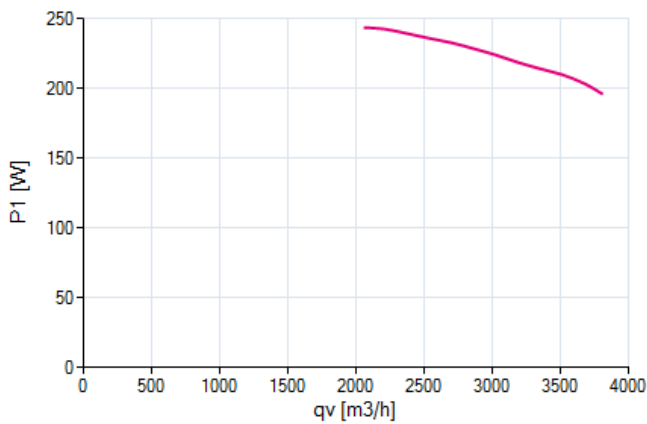
efficiency grade η_F



efficiency grade η_{sF}



power input P_1



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nominal values

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1~ 230V +10/-10 50Hz P1 0.24kW
1.05A DI=15% 1340/MIN 5.0µF/400V 65°C
1~ 230V +10/-10 60Hz P1 0.33kW
1.45A DI=5% 1480/MIN 5.0µF/400V 40°C
IP54 THCL155

drawing

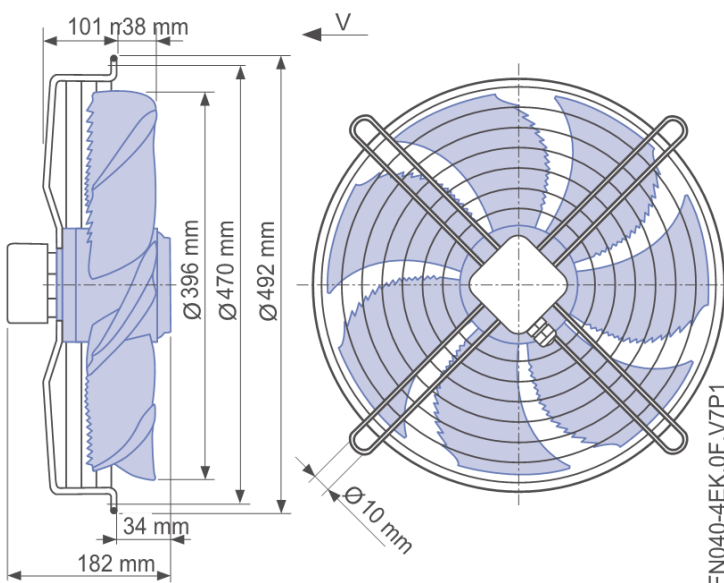
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wiring diagram

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1~Motor mit Kondensator und Thermostatschalter.
1~Motor with capacitor and thermostatic switch.
Moteur monophasé avec condensateur et interrupteur thermostatique.

U2	blau oder grau	blue or grey	bleu ou gris
Z2	schwarz	black	noir
TB	braun	brown	brun



Anschlussschaltbild im Anschlusskasten aufbewahren.
Keep wiring diagram in terminal box.
Conserver le schéma de raccordement dans la boîte à bornes.



type	FN040-4EK.0F.V7P1
article no.	152728

mechanical component	capacitor housing
	type: GC3
	article no.: 00264065
	capacitor housing
	type: GC4
	article no.: 00264066
	capacitor housing
	type: GC5
	article no.: 00264067
	capacitor housing
type: GC10	
article no.: 00264071	
capacitor housing	
type: GC12	
article no.: 00264072	
capacitor housing	
type: GC2	
article no.: 00264073	
capacitor housing	
type: GC14	
article no.: 00264074	
capacitor housing	
type: GC1,5	
article no.: 00266159	
capacitor housing	
type: GC16	
article no.: 00308236	