



fan data

31.05.2023

version FANselect V 1.01 (230531), AMCA V 1.03 September, 2021
RLT V 1.00 Dezember, 2021 / 1.23.05.31 | 28707 | (user ZAFS18707)



type	FN045-SDK.4F.V7P1
article no.	140112 Portfolio STD-WW

technical data

motor		AC
mains supply	-	3~ 400V 50Hz D
nominal current (I _N)	A	0.50
ambient temperature, max. limit (t _r)	°C	70
efficiency grade η_{statA}	%	29,0
efficiency grade N _{actual} N _{target}		40,0 40
ErP-conformity		2015
grille influence		pressure side measured

fan data

frequency (f _{DP}) (f _{max})	Hz	50 60
product weight (m _{pr})	kg	11

nominal values

3~ 400V +10/-10 D/Y 50Hz P1 0.18/0.10kW
 0.50/0.24A DI=0% 900/630/MIN COSY 0.52 70°C
 3~ 400V +10/-10 D/Y 60Hz P1 0.24/0.09kW
 0.60/0.25A DI=0% 940/520/MIN COSY 0.59 70°C
 3~ 460V +10/-10 D/Y 60Hz P1 0.28/0.12kW
 0.60/0.28A DI=0% 1020/610/MIN COSY 0.59 70°C
 IP54 THCL155

PF:PF_50; Ano:140112; STol:+-10 %



performance curve / acoustics

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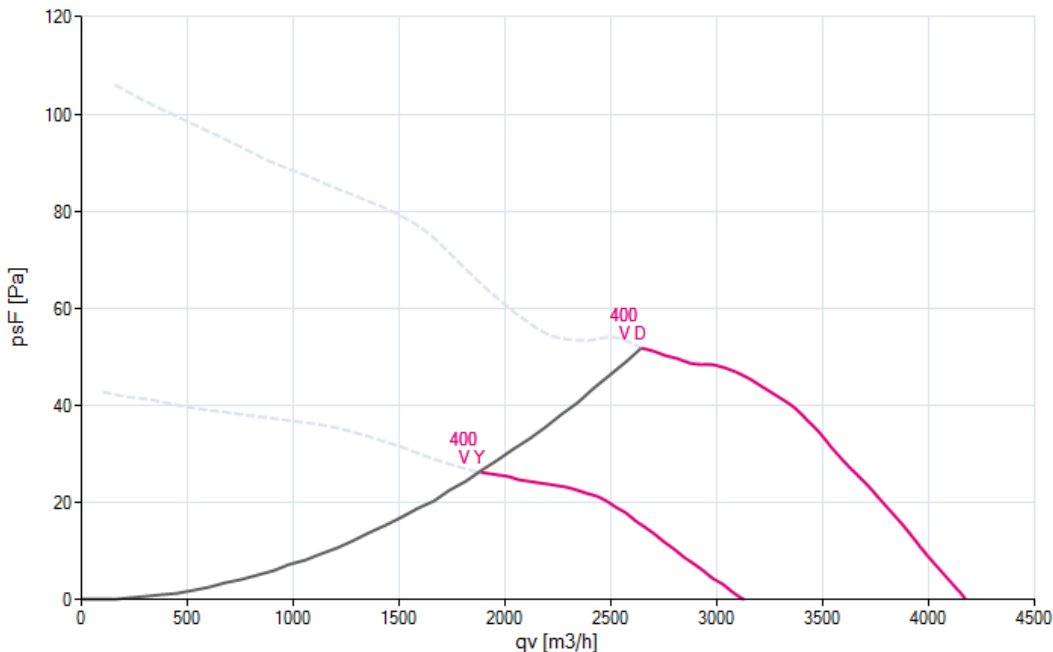
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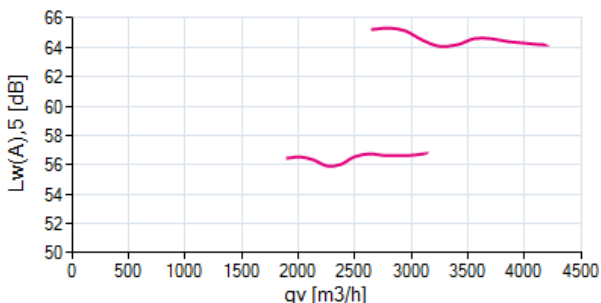
Measured in short nozzle with pressure side guard grille in air flow direction V in installation type A according to ISO5801

140112 | Portfolio STD-WW measurement density 1.16 [kg/m³]

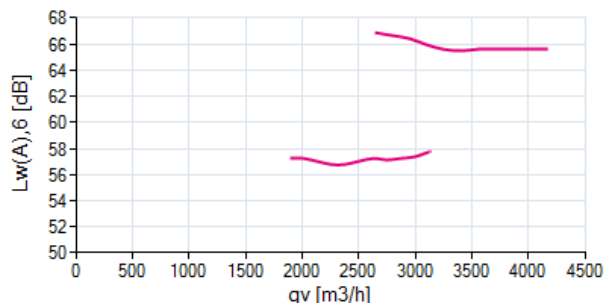
air performance p_{sF}



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}	-	-	-	-	-	-	-	-	-