



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	FN045-4EK.4I.V7P1
article no.	140111 Portfolio STD-WW

technical data

motor		AC
mains supply	-	1~ 230V 50Hz Y
nominal current (I_N)	A	2.50
capacitor (C_{400V})	μF	14.0
ambient temperature, max. limit (t_r)	$^{\circ}C$	70
efficiency grade η_{statA}	%	30,1
efficiency grade N_{actual} N_{target}		38,1 36
grille influence		pressure side measured

fan data

fan speed (n) max. (n_{max})	1/min	- 1374
frequency (f_{DP}) (f_{max})	Hz	50 60
dimensions (w x h x d)	mm	539 x 539 x 227
product weight (m_{pr})	kg	12.6

nominal values

1~ 230V +10/-10 Y 50Hz P1 0.56kW
 2.50A DI=5% 1320/MIN 14.0 μF /400V 70 $^{\circ}C$
 1~ 230V +10/-10 Y 60Hz P1 0.82kW
 3.50A DI=0% 1430/MIN 14.0 μF /400V 70 $^{\circ}C$
 IP54 THCL155

PF:PF_50; Ano:140111; STol:+-10 %

FANselect



performance curve / acoustics

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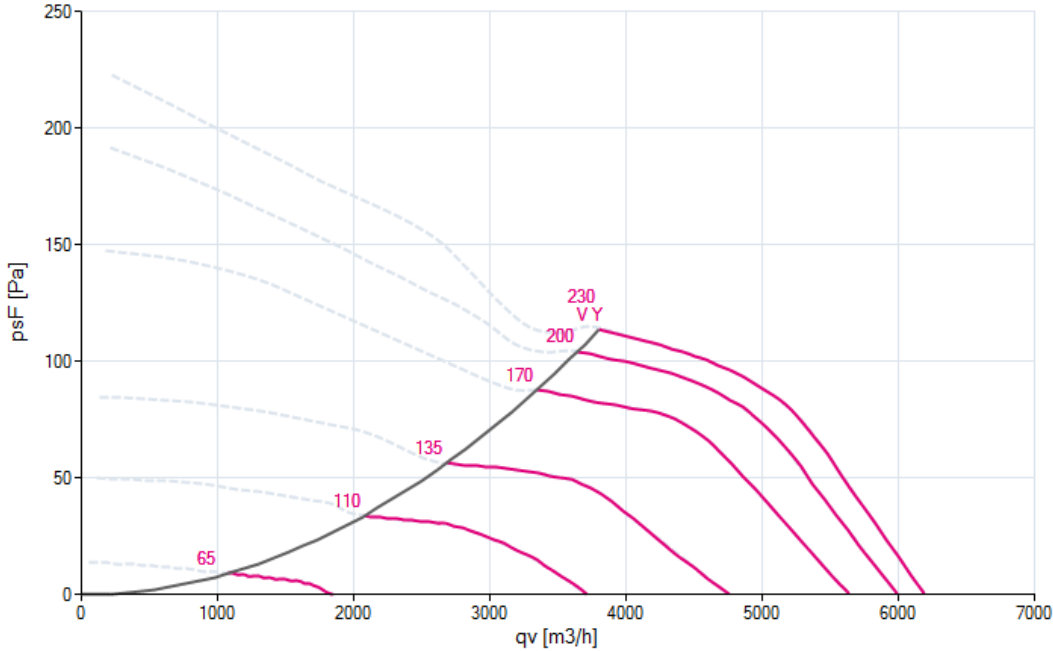
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1 FN045-4EK.4I.V7P1

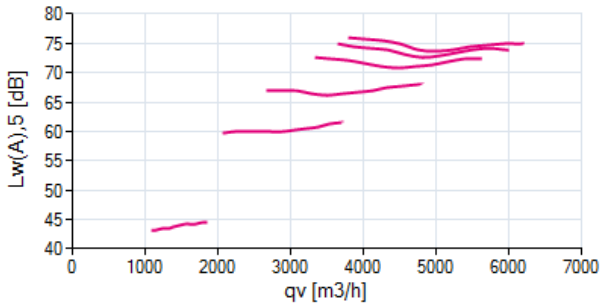
Measured in short nozzle with pressure side guard grille in air flow direction V in installation type A according to ISO5801

140111 | Portfolio STD-WW measurement density 1.16 [kg/m³]

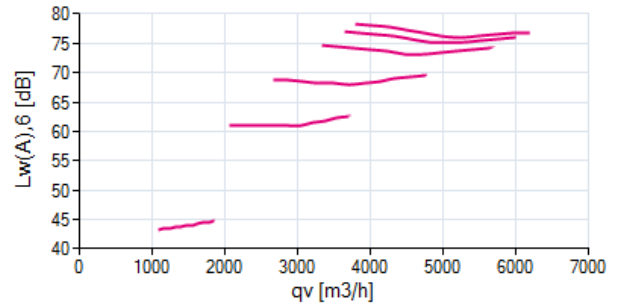
air performance p_{sF}



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



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



1 FN045-4EK.4I.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
$L_{w(A),6}$	-	-	-	-	-	-	-	-	-
$L_{w,6}$	-	-	-	-	-	-	-	-	-