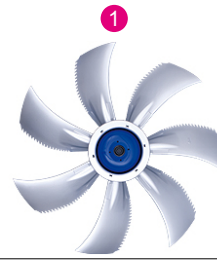




fan data

24.05.2023

version FANselect V 1.01 (230524), AMCA V 1.03 September, 2021
RLT V 1.00 Dezember, 2021 / 1.23.05.24 | 28707 | (user ZAFS18707)



type	FN025-4IK.Z8.V5P4
article no.	178110 Portfolio STD-WWW

technical data

motor	ECblue	
Efficiency class	IE4	
mains supply	-	1~ 230V 50Hz Y
ambient temperature, max. limit (t_r)	°C	50
efficiency grade η_{statA}	%	42,0
efficiency grade N_{actual} N_{target}		53,9 40
ErP-conformity	2015 EC controller integrated	
grille influence	pressure side measured	

fan data

fan speed (n) max. (n_{max})	1/min	- 3090
frequency (f_{DP}) (f_{max})	Hz	50 60
dimensions (w x h x d)	mm	285 x 285 x 106
product weight (m_{pr})	kg	2.2

nominal values

1~ 200-240V Y 50Hz P1 0.14kW
 1.40-1.15A 3090/MIN 50°C
 1~ 200-240V Y 60Hz P1 0.14kW
 1.40-1.15A 3090/MIN 50°C
 IP54 THCL155

PF:PF_50; Ano:178110; STol:+-10 %

FANselect



performance curve / acoustics

24.05.2023

Version FANselect V 1.01 (230524), AMCA V 1.03 September, 2021
 RLT V 1.00 Dezember, 2021 / 1.23.05.24 | 28707 | (user ZAFS18707)

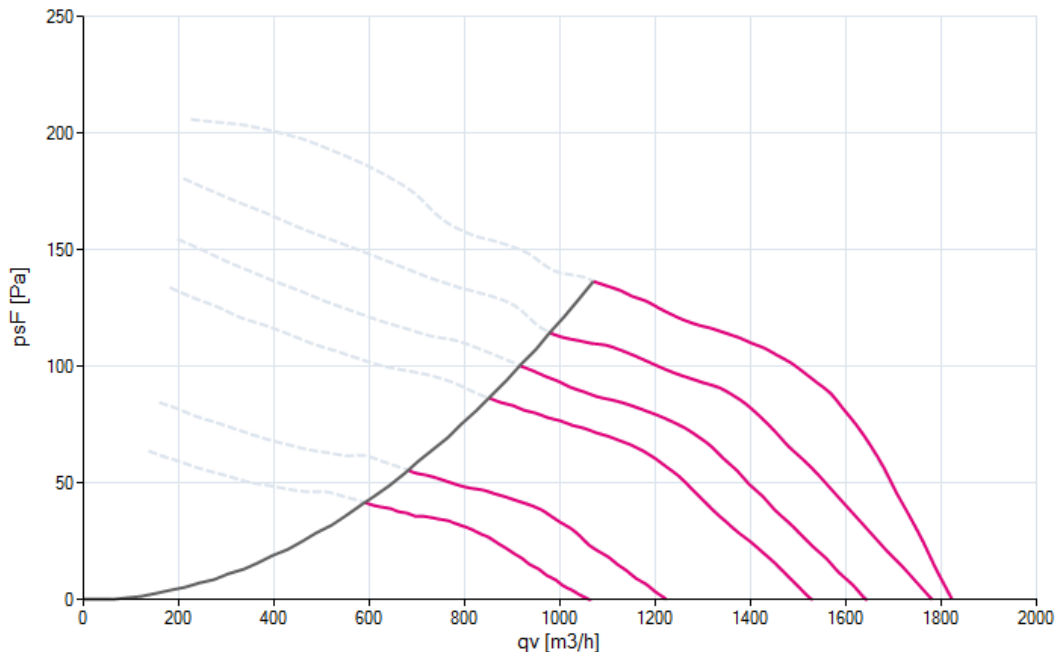
1

FN025-4IK.Z8.V5P4

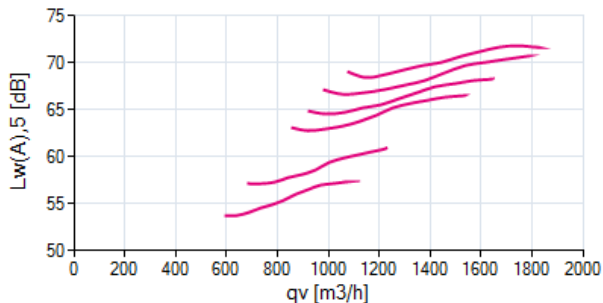
Measured in short nozzle with pressure side guard grille in air flow direction V in installation type A according to ISO5801

178110 | Portfolio STD-WW measurement density 1.16 [kg/m³]

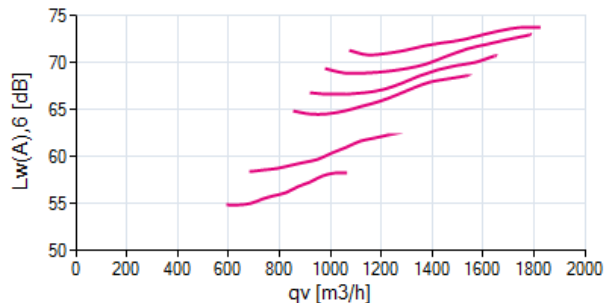
air performance p_{sF}



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



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



1 FN025-4IK.Z8.V5P4

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