



## fan data

30.10.2024

version FANselect V 1.01 (241030), AMCA V 1.03 September, 2021&lt;br&gt;RLT V 1.00 Dezember, 2021 / 1.24.10.30 | 30813 | (user ZAFS20813)



type	<b>FN100-ADS.7M.V5P1</b>
article no.	155870   Portfolio STD-WW

## technical data

motor		AC
mains supply	-	3~ 400V 50Hz Y
nominal current ( $I_N$ )	A	1.40
ambient temperature, max. limit ( $t_r$ )	°C	70
efficiency grade $\eta_{statA}$	%	34,3
efficiency grade $N_{actual}$   $N_{target}$		<b>40,2</b>   40
ErP-conformity		2015
grille   influence		pressure side   measured

## fan data

frequency ( $f_{DP}$ )   ( $f_{max}$ )	Hz	<b>50</b>   60
dimensions (w x h x d)	mm	1090 x 1090 x 293
product weight ( $m_{pr}$ )	kg	48.6

PF:PF\_50; Type:FN100-ADS; STol:±10 %

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## performance curve / acoustics

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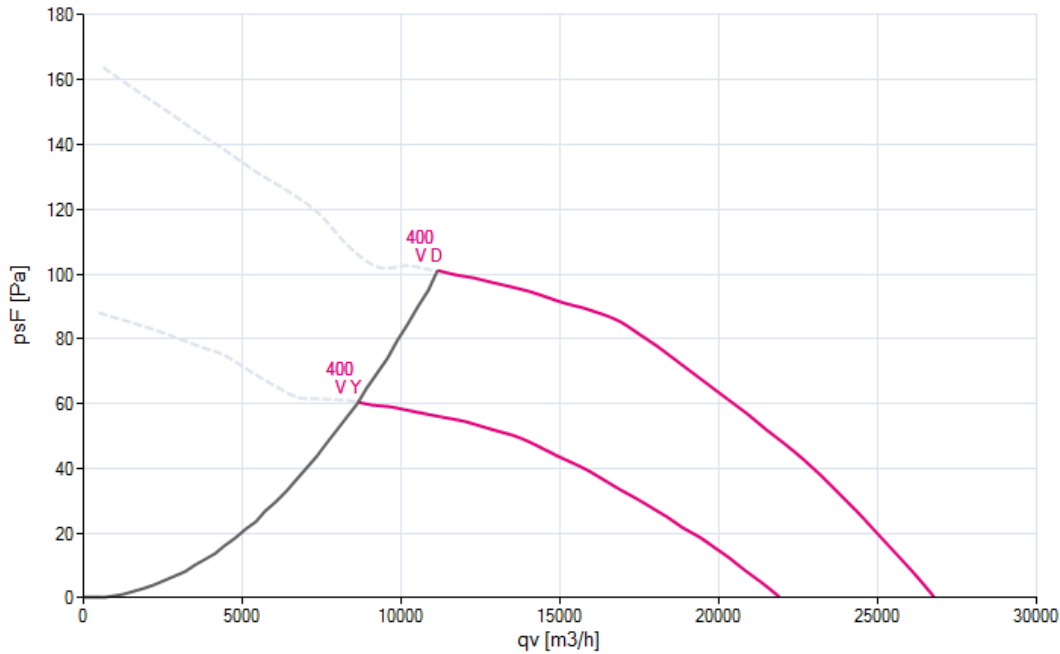
**FN100-ADS.7M.V5P1**

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

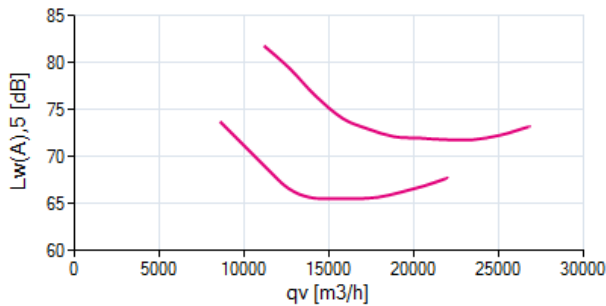
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measurement density 1.16 [kg/m³]

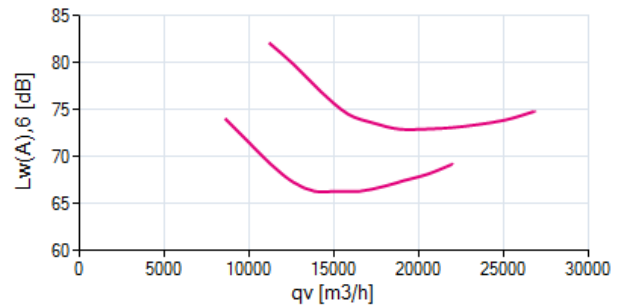
### air performance $p_{sF}$



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

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## efficiency grade / power input

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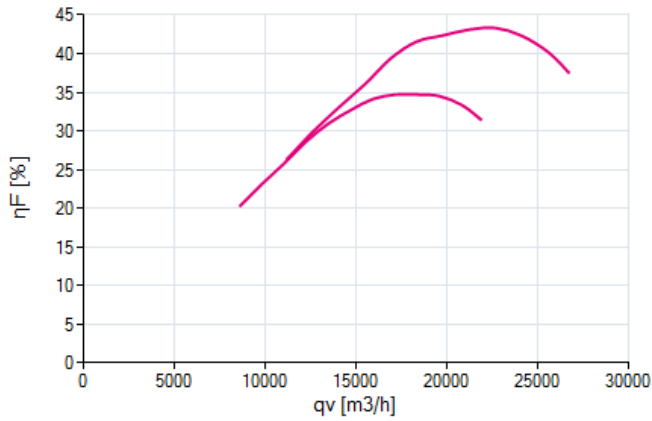
**FN100-ADS.7M.V5P1**

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

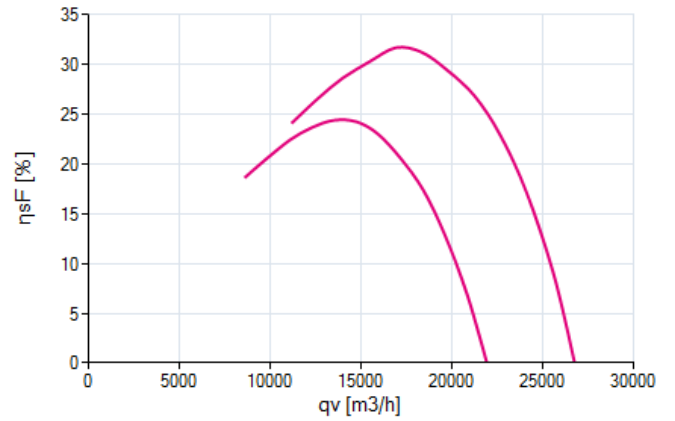
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measurement density 1.16 [kg/m³]

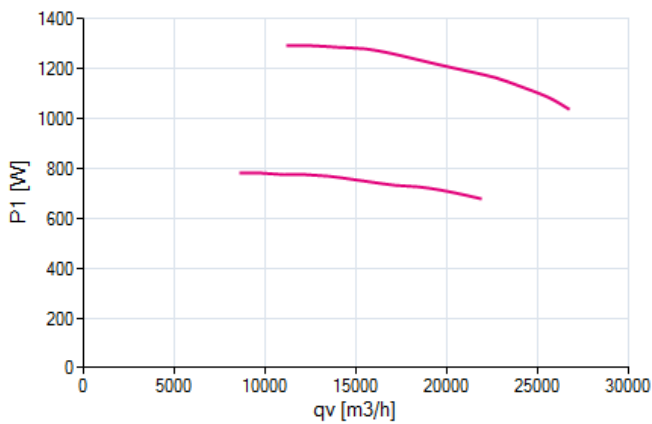
efficiency grade  $\eta_F$



efficiency grade  $\eta_{sF}$



power input  $P_1$





## nominal values

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3~ 400V +10/-10 D/Y 50Hz P1 1.25/0.74kW P2 0.82/0.40kW  
2.90/1.40A DI=0% 620/480/MIN COSY 0.61 70°C  
3~ 400V +10/-10 D/Y 60Hz P1 1.65/0.84kW P2 1.05/0.35kW  
3.20/1.55A DI=0% 670/460/MIN COSY 0.75 70°C  
3~ 460V +10/-10 D/Y 60Hz P1 1.90/1.05kW P2 1.25/0.50kW  
3.30/1.65A DI=0% 710/520/MIN COSY 0.70 70°C  
IP54 THCL155

## drawing

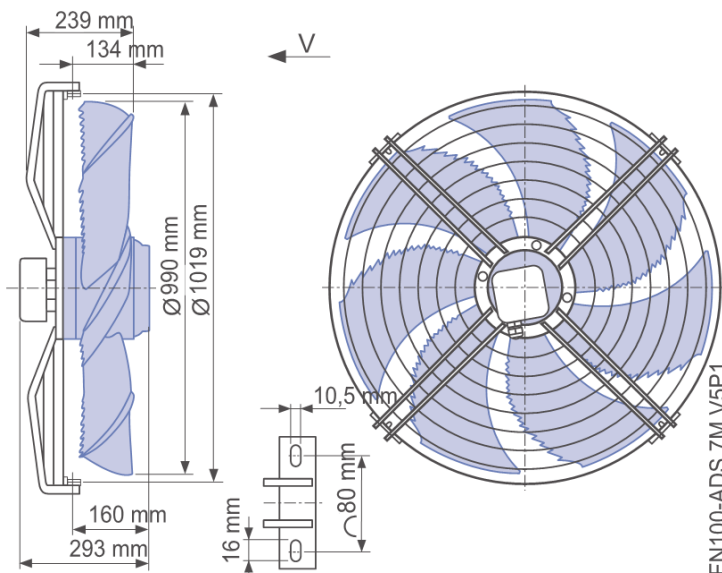
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## wiring diagram

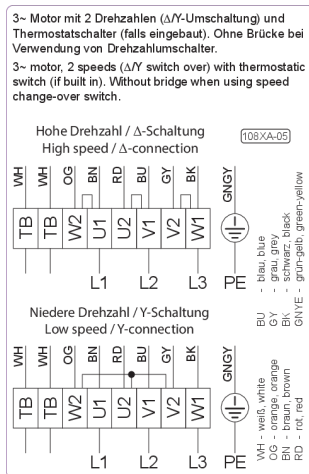
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system components

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type	FN100-ADS.7M.V5P1
article no.	155870

**mechanical component** backdraft fan shutter  
type: SVK1000  
article no.: 00264388