



fan data

25.11.2024

version FANselect V 1.01 (241125), AMCA V 1.03 September, 2021
RLT V 1.00 Dezember, 2021 / 1.24.11.25 | 30813 | (user ZAFS20813)



type	FN063-VDW.6N.A7P6
article no.	169014 Portfolio STD-WW

technical data

motor		AC
mains supply	-	3~ 400V 50Hz D
nominal current (I_N)	A	3.70
ambient temperature, max. limit (t_r)	°C	70
efficiency grade η_{statA}	%	37,5
efficiency grade N_{actual} N_{target}		42,5 40
ErP-conformity		2015
grille influence		pressure side measured

fan data

frequency (f_{DP}) (f_{max})	Hz	50 60
dimensions (w x h x d)	mm	778 x 778 x 273
product weight (m_{pr})	kg	25.9

PF:PF_50; Type:FN063-VDW; STol:+-10 %

FANselect



performance curve / acoustics

25.11.2024

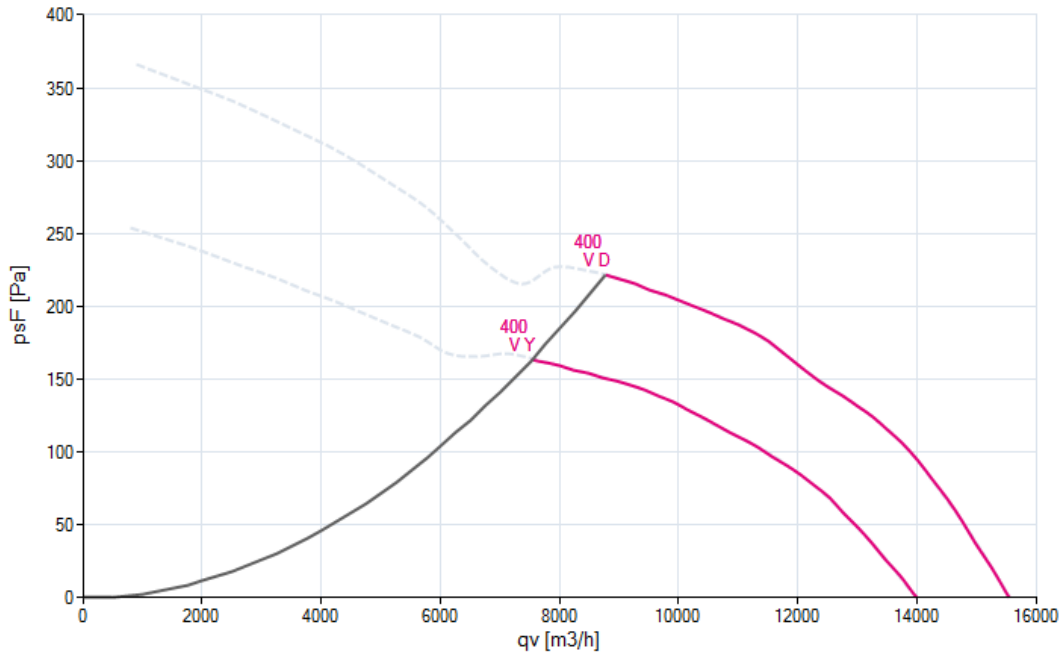
Version FANselect V 1.01 (241125), AMCA V 1.03 September, 2021
RLT V 1.00 Dezember, 2021 / 1.24.11.25 | 30813 | (user ZAFS20813)

1 FN063-VDW.6N.A7P6

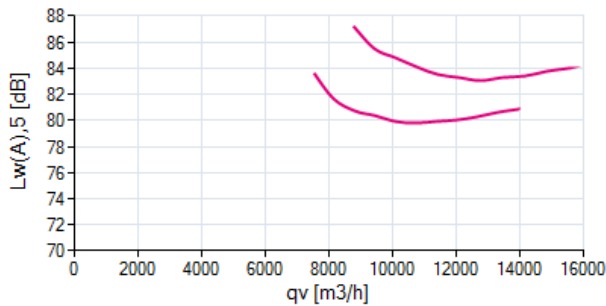
Measured in short nozzle with pressure side guard grille in air flow direction V in installation type A according to ISO5801

169014 | Portfolio STD-WW measurement density 1.15 [kg/m³]

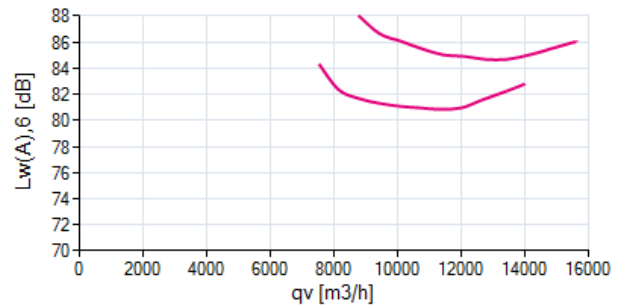
air performance p_{sF}



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



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



1 FN063-VDW.6N.A7P6

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

FANselect



efficiency grade / power input

25.11.2024

Version FANselect V 1.01 (241125), AMCA V 1.03 September, 2021
 RLT V 1.00 Dezember, 2021 / 1.24.11.25 | 30813 | (user ZAFS20813)

1

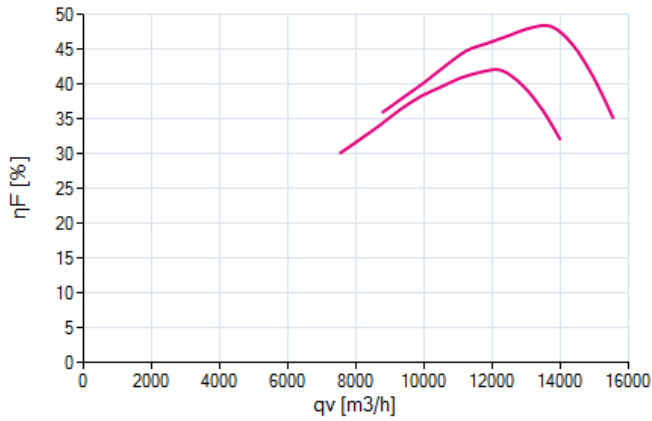
FN063-VDW.6N.A7P6

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

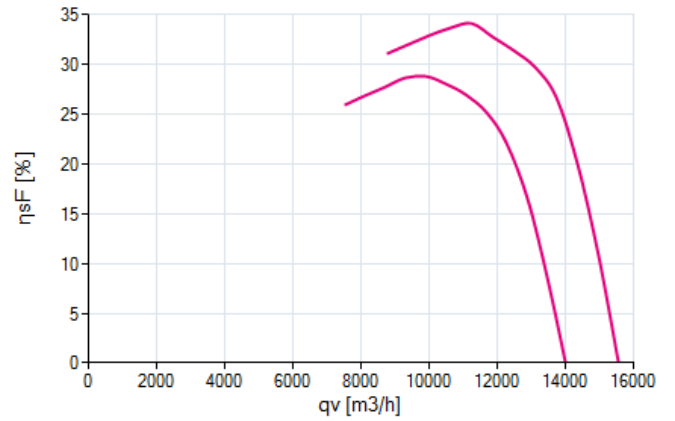
169014 | Portfolio STD-WW

measurement density 1.15 [kg/m³]

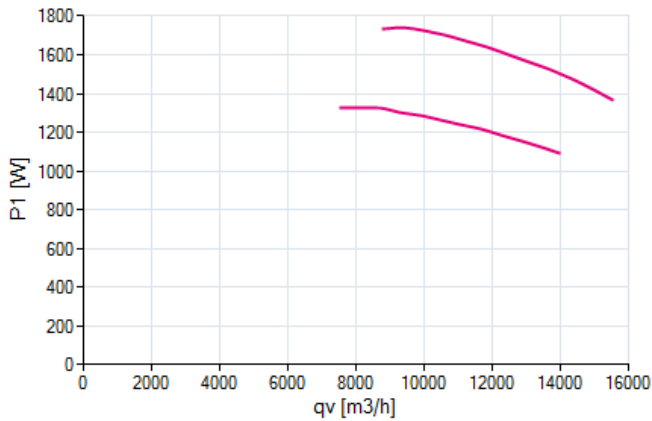
efficiency grade η_F



efficiency grade η_{sF}



power input P_1





nominal values

version FANselect V 1.01 (241125), AMCA V 1.03 September, 2021
RLT V 1.00 Dezember, 2021 / 1.24.11.25 | 30813 | (user ZAFS20813)

25.11.2024

1



FN063-VDW.6N.A7P6
169014

3~ 400V +10/-10 D/Y 50Hz P1 1.75/1.35kW P2 1.35/0.92kW
3.70/2.20A DI=5% 1400/1210/MIN COSY 0.68 70°C
3~ 400V +10/-10 D/Y 60Hz P1 2.80/1.80kW P2 2.00/0.92kW
4.80/3.00A DI=5% 1580/1210/MIN COSY 0.84 60°C
3~ 460V +10/-10 D/Y 60Hz P1 2.90/2.10kW P2 2.20/1.20kW
4.60/3.00A DI=10% 1640/1330/MIN COSY 0.80 60°C
IP54 THCL155

drawing

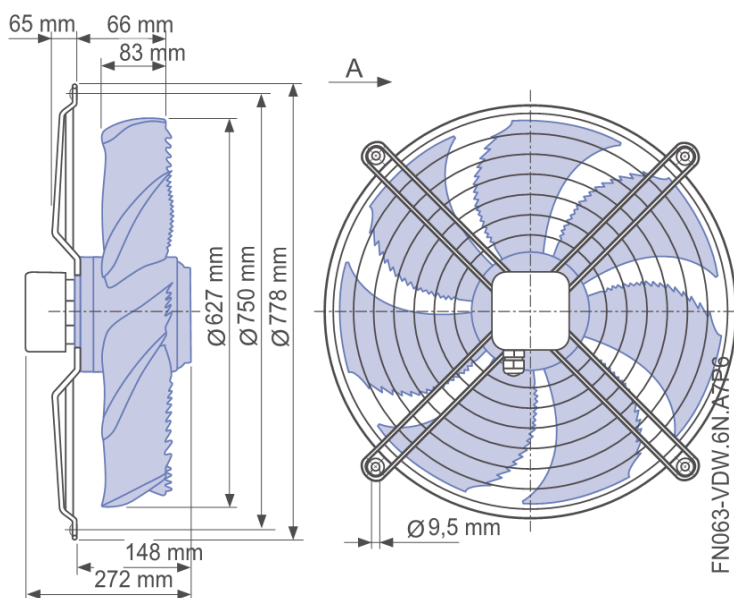
version FANselect V 1.01 (241125), AMCA V 1.03 September, 2021
RLT V 1.00 Dezember, 2021 / 1.24.11.25 | 30813 | (user ZAFS20813)

25.11.2024

1



FN063-VDW.6N.A7P6
169014



wiring diagram

version FANselect V 1.01 (241125), AMCA V 1.03 September, 2021
RLT V 1.00 Dezember, 2021 / 1.24.11.25 | 30813 | (user ZAFS20813)

25.11.2024

1



FN063-VDW.6N.A7P6
169014

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.

FANselect



system components

25.11.2024

Version FANselect V 1.01 (241125), AMCA V 1.03 September, 2021
RLT V 1.00 Dezember, 2021 / 1.24.11.25 | 30813 | (user ZAFS20813)



type	FN063-VDW.6N.A7P6
article no.	169014