

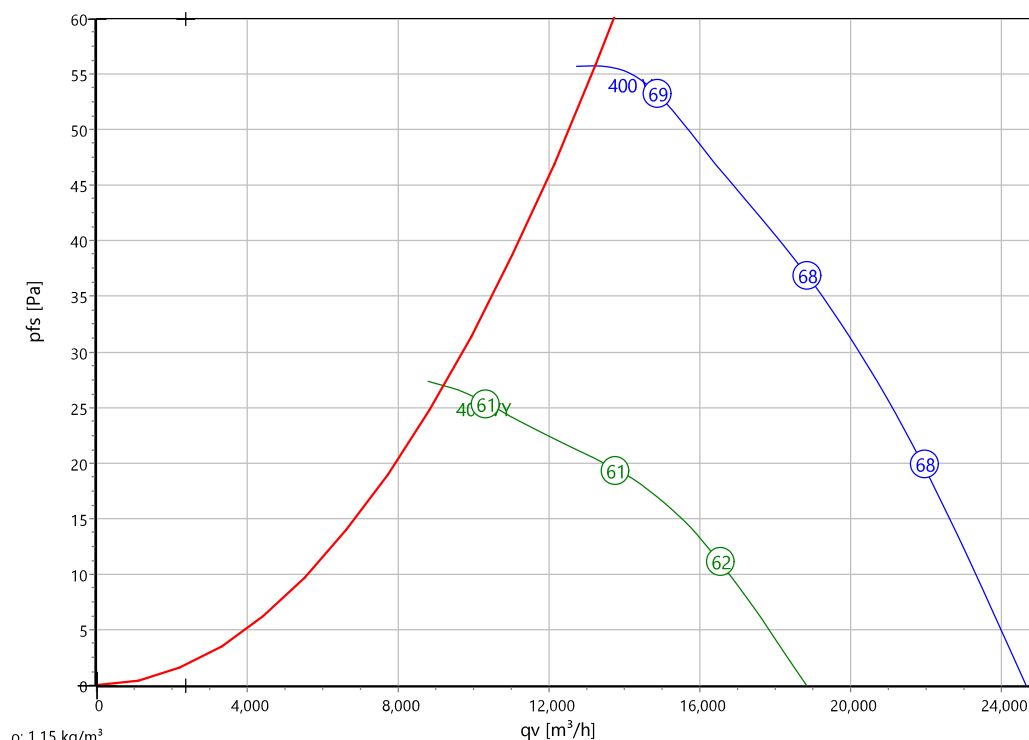


Type: **AKFD 1000-12 N.6LA A6**

Installation type 6 direction of airflow V with square nozzle plate

Part no.:

Curve:



Operating Point:

q_v	0	m^3/h
p_{fs}	0	Pa
p_{fd}	0	Pa
$\eta_{e,fs}$	0	%
$\eta_{e,tot}$	0	%
P_e	0	kW
I	0	A
n	0	r/min
$L_{wA_{A,IN}}$	0	dB(A)
U	0	V
v	0	m/s
SFP	0	Ws/m^3

Set point:

q_v	2345	m^3/h	p_{fs}	62	Pa
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Intersections:

Curve	$q_v [m^3/h]$	$p_{fs} [Pa]$	$P_e [kW]$	$I [A]$	$n_N [r/min]$	$L_{wA_{A,IN}} [dB(A)]$
400 VY	14089	19	0.446	0.94	319	61
400 VD	19229	36	0.802	1.9	438	67

Nominal Data:

$U [V]$	$f [Hz]$	$C [\mu F]$	$P_e [kW]$	$I_N [A]$	$n_N [r/min]$	$t_R [^\circ C]$	$k_{10} [m^2s/h]$	I_A / I_N	IP	$m [kg]$
400 D	50	-	0.85	2	435	-25 .. +60	-	2.3	IP 54	59.1
400 Y			0.48	1	300					

Sound Data:

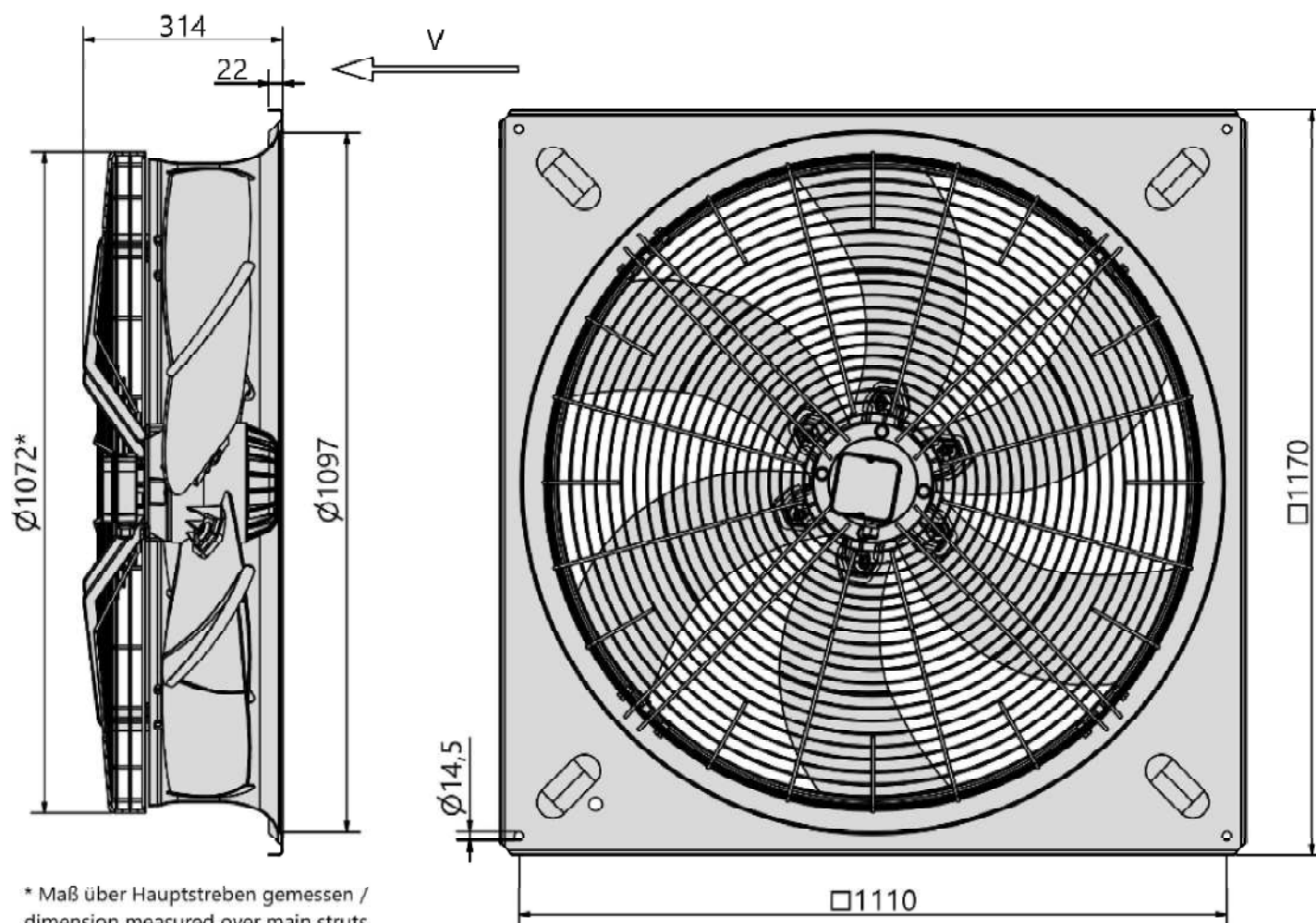
Frequency	Σ		125Hz	250Hz	500Hz	1kHz	2kHz	4kHz	8kHz	Distances	1 m	4 m
$L_{wA(A,in)} [dB(A)]$		-	-14	-11	-6	-4	-7	-16	-20	$L_{pA(A,in)} [dB(A)]$	-7	-17



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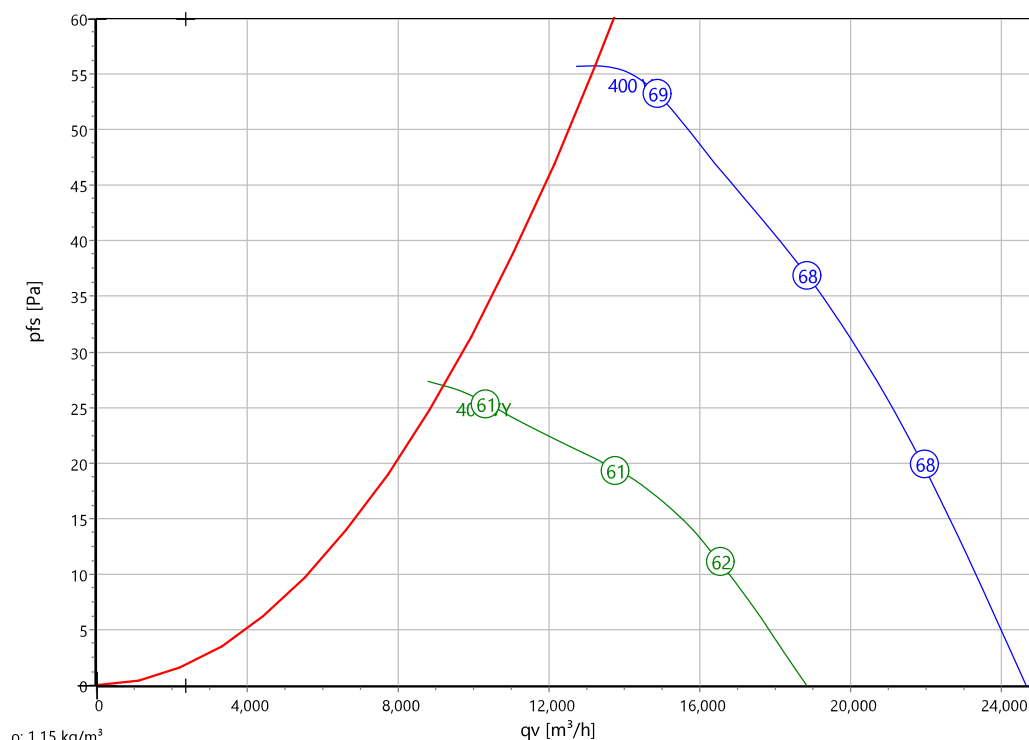


Type: **AKFD 1000-12 N.6LA A6**

Installation type 6 direction of airflow V without nozzle plate

Part no.:

Curve:



Operating Point:

q_v	0	m³/h
p_{fs}	0	Pa
p_{fd}	0	Pa
$\eta_{e,fs}$	0	%
$\eta_{e,tot}$	0	%
P_e	0	kW
I	0	A
n	0	r/min
$L_{wA,A,IN}$	0	dB(A)
U	0	V
v	0	m/s
SFP	0	Ws/m³

Set point:

q_v	2345	m³/h	p_{fs}	62	Pa
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Curve	q_v [m³/h]	p_{fs} [Pa]	P_e [kW]	I [A]	n_N [r/min]	$L_{wA,A,IN}$ [dB(A)]
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400 VD	19229	36	0.802	1.9	438	67

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400 D	50	-	0.85	2	435	-25 .. +60	-	2.3	IP 54	39.1
400 Y			0.48	1	300					

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Installation type 6 direction of airflow V without nozzle plate

Part no.:

