



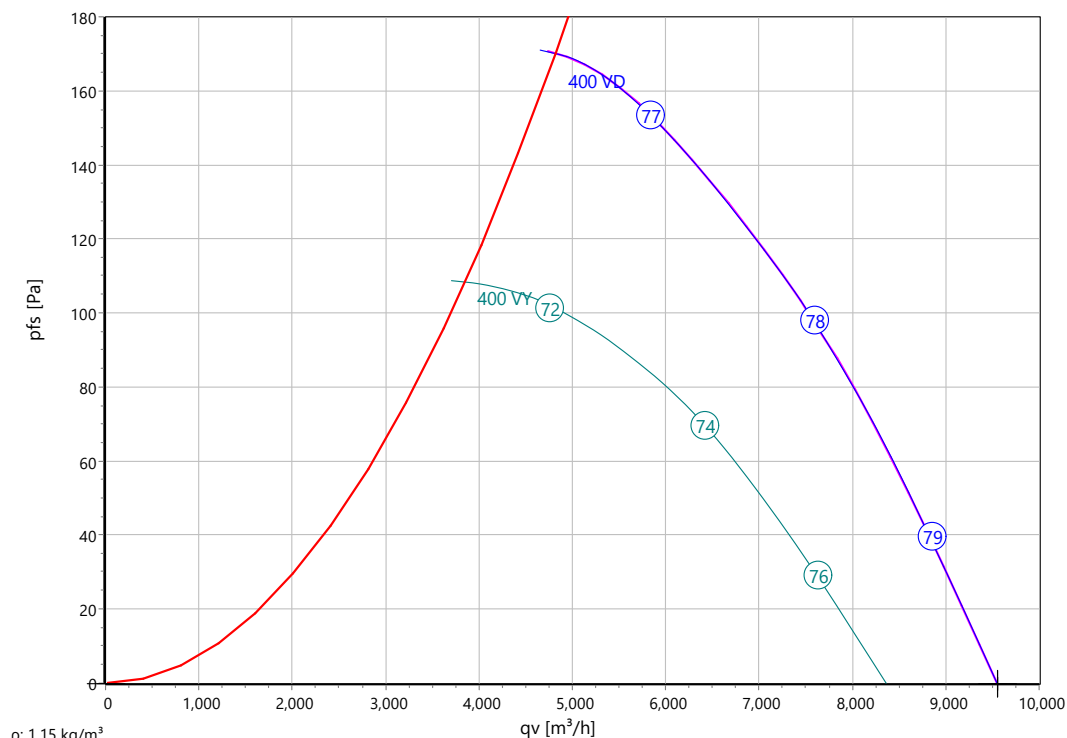
Type: **AKSD 500-4 N.5HA A8**

Installation type 8 direction of airflow V with round nozzle plate

Part no.:



Curve:



Fan Energy Index:

according to AMCA 208-18

FEI	1.07
-----	------

Operating Point:

q_v	9550	m³/h
p_{fs}	0	Pa
p_{fd}	104	Pa
$\eta_{e,fs}$	0	%
$\eta_{e,tot}$	48	%
P_e	0.576	kW
I	1.5	A
n	1408	r/min
$L_{wA_{A,IN}}$	79	dB(A)
U	400	V
v	13.47	m/s
SFP	217	Ws/m³

Set point:

q_v	9545	m³/h	p_{fs}	0	Pa
-------	------	------	----------	---	----

Intersections:

Curve	q_v [m³/h]	p_{fs} [Pa]	P_e [kW]	I [A]	n_N [r/min]	$L_{wA_{A,IN}}$ [dB(A)]
400 VY	8361	0	0.446	0.78	1221	75
400 VD	9550	0	0.576	1.5	1408	79

Nominal Data:

ΔI 8 %

U [V]	f [Hz]	C [μF]	P_e [kW]	I_N [A]	n_N [r/min]	t_R [°C]	k_{10} [m²s/h]	I_A / I_N	IP	m [kg]
400 D	50	-	0.81	1.68	1362	-25 .. +65	-	3.6	IP 54	-
400 Y			0.59	1	1104					

Sound Data:

Frequency	Σ		125Hz	250Hz	500Hz	1kHz	2kHz	4kHz	8kHz	Distances	1 m	4 m
$L_{wA(A,in)}$ [dB(A)]	79	-	63	65	70	73	74	72	65	$L_{pA(A,in)}$ [dB(A)]	72	61

$t_R=55^\circ\text{C}$, $\Delta I=11\%$ if using electronic controller



Type:

AKSD 500-4 N.5HA A8

Installation type 8 direction of airflow V with round nozzle plate

Part no.:

