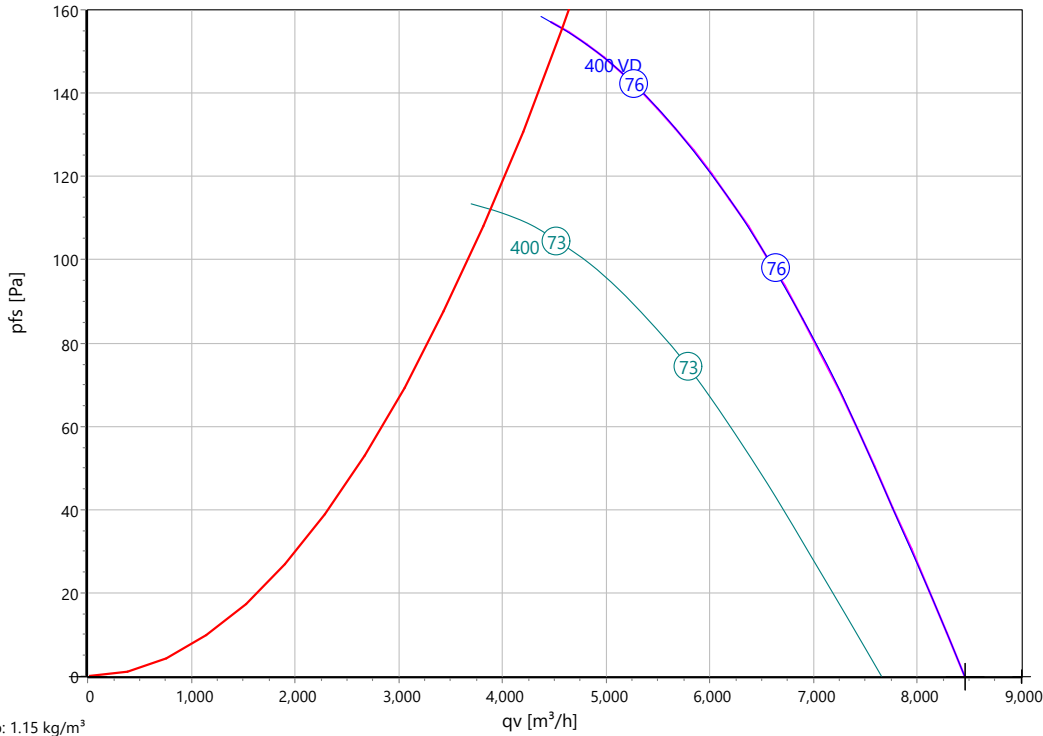




Type: **AKSD 500-4 K.5HA B7**  
Installation type 7 direction of airflow A with double flange ring  
Part no.:



**Curve:**



**Fan Energy Index:**

according to AMCA 208-18

FEI	1.2
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**Operating Point:**

$q_v$	8455	$m^3/h$
$p_{fs}$	0	Pa
$p_{fd}$	82	Pa
$\eta_{e,fs}$	0	%
$\eta_{e,tot}$	42	%
$P_e$	0.466	kW
$I$	1.3	A
$n$	1432	r/min
$L_{wA_{A,IN}}$	77	dB(A)
$U$	400	V
$v$	11.92	m/s
SFP	199	$Ws/m^3$

**Set point:**

$q_v$	9545	$m^3/h$	$p_{fs}$	0	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	7650	10	0.368	0.64	1298	74
400 VD	8455	0	0.466	1.3	1432	77

**Nominal Data:**

$U$ [V]	$f$ [Hz]	$C$ [ $\mu F$ ]	$P_e$ [kW]	$I_N$ [A]	$n_N$ [r/min]	$t_R$ [ $^{\circ}C$ ]	$k_{10}$ [ $m^2/s/h$ ]	$I_A / I_N$	IP	$m$ [kg]
400 D	50	-	0.7	1.51	1390	-25 .. +60	-	3.8	IP 54	-
400 Y			0.54	0.88	1193					

$\Delta I$  9 %

**Sound Data:**

Frequency	$\Sigma$	125Hz	250Hz	500Hz	1kHz	2kHz	4kHz	8kHz	Distances	1 m	4 m
$L_{wA(A,in)}$ [dB(A)]	77	-	58	66	68	71	72	70	$L_pA(A,in)$ [dB(A)]	70	59



Type: **AKSD 500-4 K.5HA B7**

Installation type 7 direction of airflow A with double flange ring

Part no.:

