



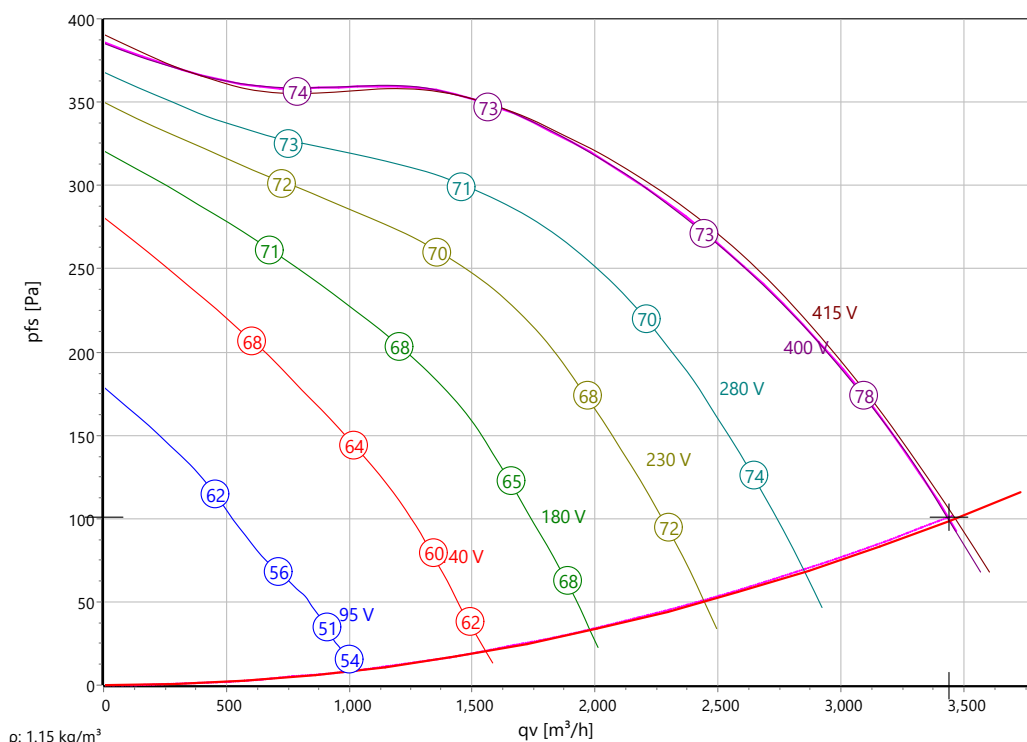
Type: **DRAD 224-4 B**

with outlet flange

Part no.: C10-22411



Curve:



Fan Energy Index:

according to AMCA 208-18

FEI	0.65
-----	------

Operating Point:

q_v	3438	m³/h
p_{fs}	101	Pa
p_{fd}	102	Pa
$\eta_{e,fs}$	13	%
$\eta_{e,tot}$	25	%
P_e	0.782	kW
I	1.5	A
n	1224	r/min
$L_w A_{B,OUT}$	79	dB(A)
U	402	V
v	13.32	m/s
SFP	819	Ws/m³

Intersections:

Curve	q_v [m³/h]	p_{fs} [Pa]	P_e [kW]	I [A]	n_N [r/min]	$L_w A_{B,OUT}$ [dB(A)]
415 V	3456	102	0.802	1.5	1257	80
400 V	3436	101	0.778	1.5	1220	79
280 V	2847	69	0.586	1.5	1002	75
230 V	2444	51	0.45	1.4	871	72
180 V	1979	34	0.312	1.2	719	68
140 V	1555	21	0.208	1.1	570	63
95 V	1026	9	0.102	0.8	381	54

Nominal Data:

U [V]	f [Hz]	C [μF]	P_e [kW]	I_N [A]	n_N [r/min]	t_R [°C]	$p_{fs,min}$ [Pa]	I_A / I_N	IP	m [kg]
400 D	50	-	0.87	1.5	1210	-25 .. +40	100	2.5	IP 54	12.8

Sound Data:

Frequency	Σ		125Hz	250Hz	500Hz	1kHz	2kHz	4kHz	8kHz	Distances	1 m	4 m
$L_w A_{B,in}$ [dB(A)]	76	-	58	63	66	71	72	66	60	$L_p A_{B,in}$ [dB(A)]	69	59
$L_w A_{B,out}$ [dB(A)]	79	-	58	66	71	75	72	71	64	$L_p A_{B,out}$ [dB(A)]	72	62



Type: **DRAD 224-4 B**

with outlet flange

Part no.: C10-22411

