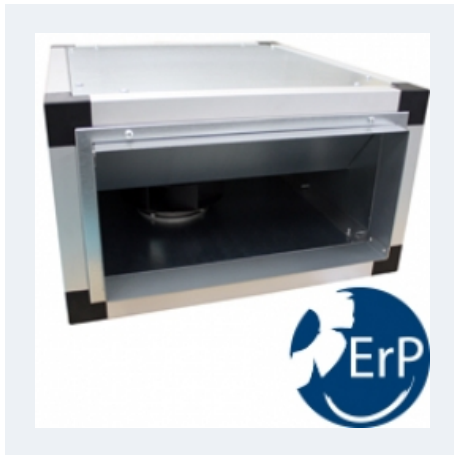


SB EEC PLUS



SOUNDPROOF CENTRIFUGAL LOW PROFILE BOX . MOTOR EC.

- Structure in aluminum profile 30mm. Galvanized sandwich panels with internal insulation rockwool class A1 (non-combustible) of 90kg / m3 density
- Polyamide reinforced impeller for models 200 and 250 and aluminum plate for the rest.
- Rectangular connection flanges
- Motor-efficient technology EC (electronically commutated). IP-44 protection and insulation class B. Standard voltage 230V 50Hz .

APPLICATIONS:

Designed for inline installation, they are suitable for:

- Air renewal in bathrooms and small premises.
- Perfect for installing in false ceilings or open.
- Maximum continuous working temperature: 45°C.

Accessories



INT



REGC

Technical data

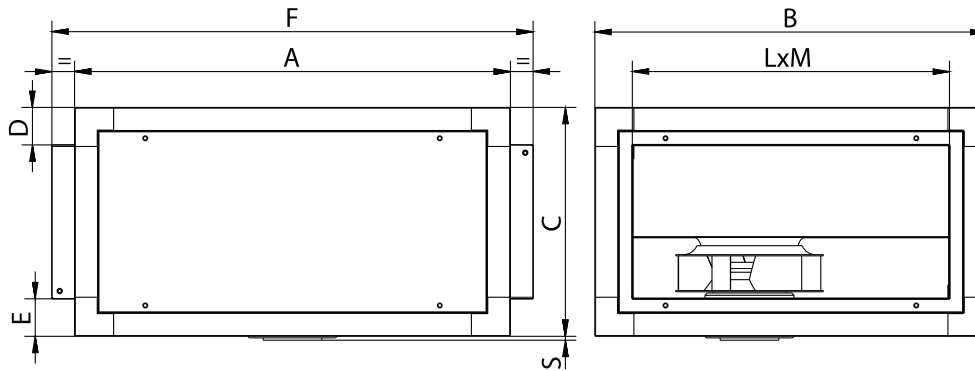
Single-phase motor

Code	Model	R.P.M.	Rated I. (A) 230V	Rated power kW	Max. Airflow m3/h	Sound db (A)*	Weight	Connect. diagram
240200443	SB EEC PLUS 200	3470	0,7	0,09	625	42	25	1
240250443	SB EEC PLUS 250	3310	1	0,15	1.000	42	31	1
240310443	SB EEC PLUS 315	1925	1,3	0,17	2.175	32	48	1
240350443	SB EEC PLUS 355	2400	1,4	0,32	2.385	41	60	1

Notes:

* Total sound pressure level at the point of maximum flow measured in dB(A) in the suction measured in free field at a distance of 6m from the source


Dimensions




Model	A	B	C	D	E	F	L	M	S
SB EEC PLUS 200	558	502	293	48	48	616	406	197	5
SB EEC PLUS 250	625	546	344	48	48	693	450	248	5
SB EEC PLUS 315	772	667	414	48	48	840	571	318	5
SB EEC PLUS 355	860	741	460	48	48	968	645	364	21

Wiring diagram

DIAGRAM Nº 1

Signal Señal	Colour Color	Specification Especificación
L	Brown Marrón	AC 220V/50Hz
N	Blue Azul	AC 220V/50Hz
Pe	Yellow-Green Amarillo-Verde	

Signal Señal	Colour Color	Specification Especificación
Vcc	Red Rojo	DC 10V
Vsp	Yellow Amarillo	0-10 DC/PWM
GND	Blue Azul	
FG	White Blanco	1 Pulse/R

CHARACTERISCTIC CURVE

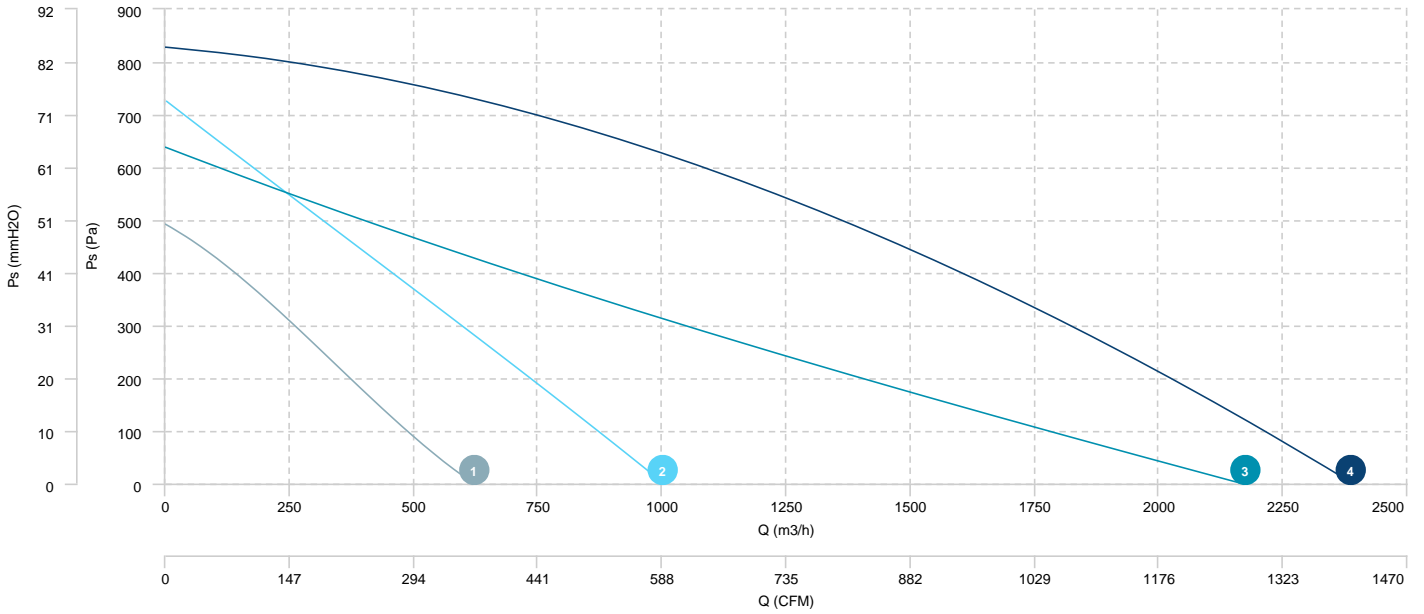
1 SB EEC PLUS 200

2 SB EEC PLUS 250

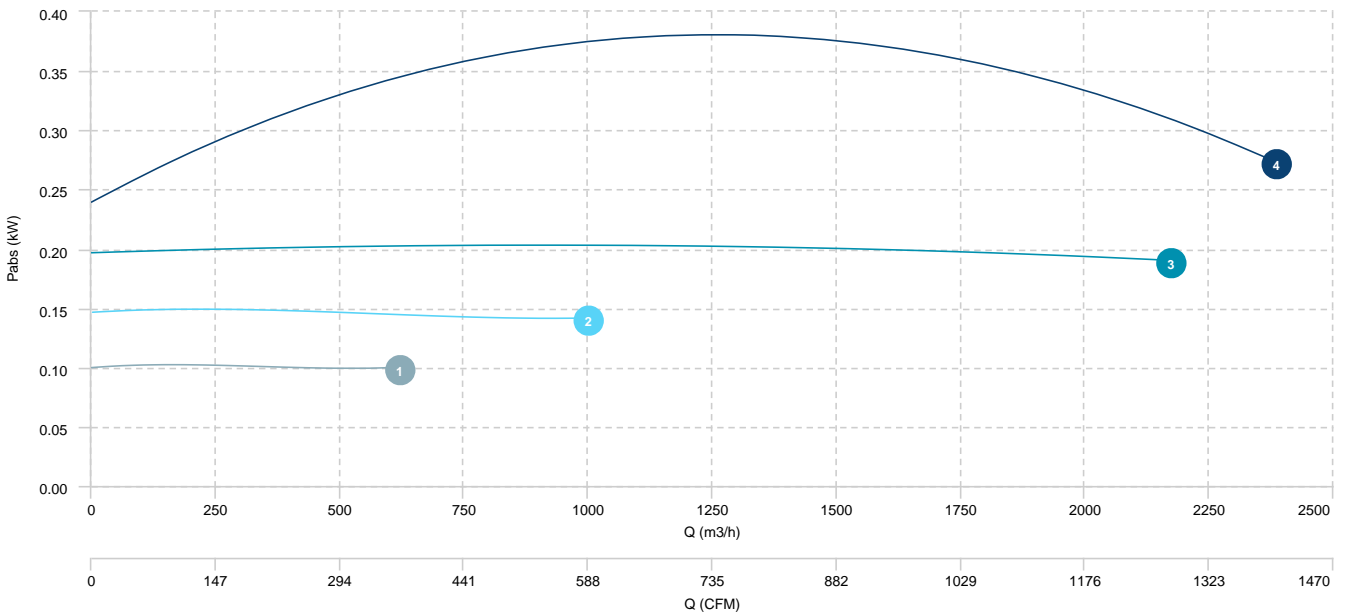
3 SB EEC PLUS 315

4 SB EEC PLUS 355

AIR FLOW - PRESSURE



AIR FLOW - ABSORBED POWER



Sound data

Sound power Lw dB (A)										
Model		63 Hz	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	8000 Hz	Total
SB EEC PLUS 200	Inlet	65	63	56	51	50	47	44	39	68
SB EEC PLUS 250	Inlet	65	63	56	51	50	47	44	39	68
SB EEC PLUS 315	Inlet	55	53	46	41	40	37	34	29	58
SB EEC PLUS 355	Inlet	64	62	55	50	49	46	43	38	67

erp data

ERP	
Fan type	Unit for non-residential ventilation (LOT 6)
Typology	Unidirectional
Others	None
Type of driver	None

Model	Maximum efficiency point data							
	Motor power (kW)	Eff.Heat recovery (%)	Max. efficiency (%)	Pabs (kW)	Air Flow (m3/h)	Ps (Pa)	Speed (m/s)	SFP (W/m3/s)
SB EEC PLUS 250	0,15	-	35,20	0,15	523,82	352,13	1.3	1.003,71
SB EEC PLUS 315	0,17	-	43,11	0,20	1.051,92	298,34	1.61	694,52
SB EEC PLUS 355	0,32	-	50,85	0,38	1.384,66	490,69	1.64	985,75