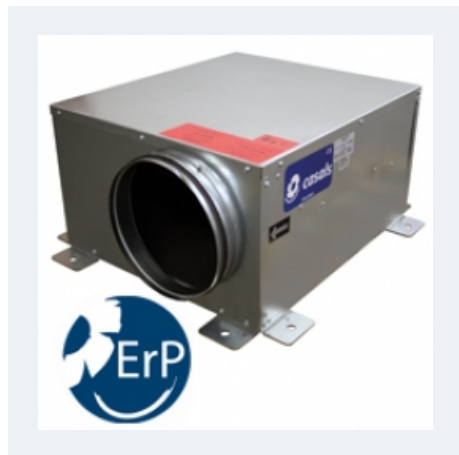


SBC-2



CENTRIFUGAL LOW PROFILE BOX WITH CIRCULAR FLANGES. EXTERNAL ROTOR MOTOR

CONSTRUCTIVE FEATURES:

- Box manufactured in galvanized sheet with thermo-acoustic insulation, Bs1d0 fire class
- Circular connection flanges
- Asynchronous external rotor, which includes thermal protector and ball bearings permanently greased. IP-44 protection and insulation class B according to DIN 40.050 h1. 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 working temperature: 50°C.

Accessories



INT



REG



REG
VMC



REGD-1

Technical data

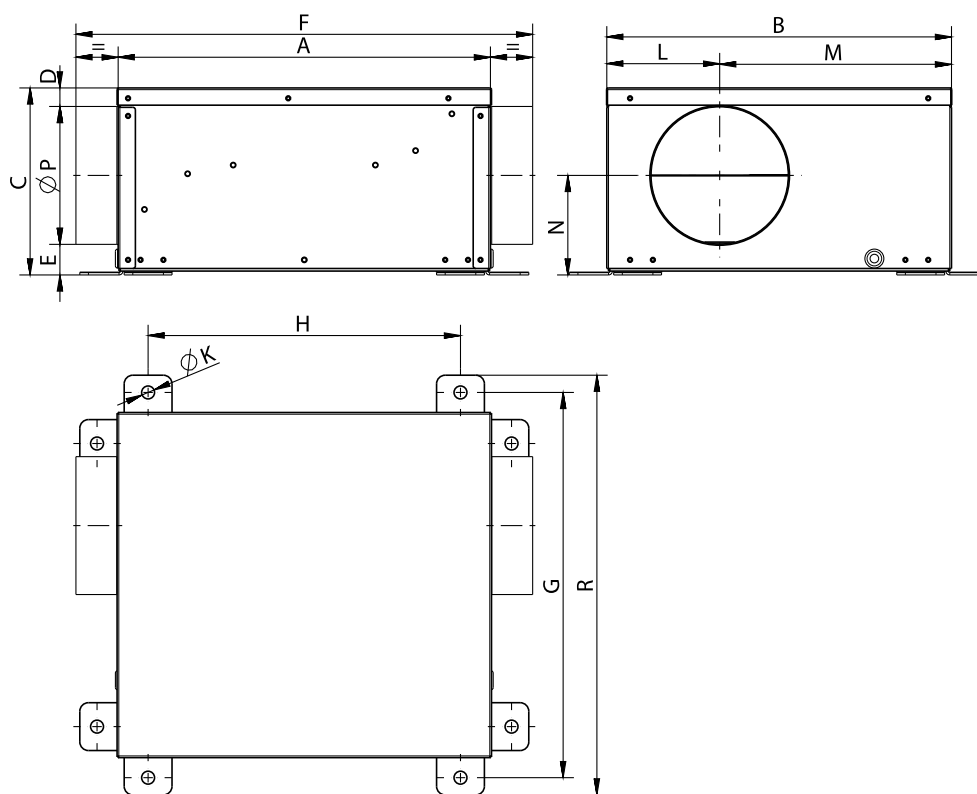
Single-phase motor

Code	Model	R.P.M.	Rated I. (A) 230V	Rated power kW	Max. Airflow m3/h	Sound db (A)*	Weight	Connect. diagram
240160243C	SBC-2 160	2290	0,27	0,06	310	-	10	1
240200243C	SBC-2 200	2480	0,42	0,10	590	-	13,50	1
240250243C	SBC-2 250	2530	0,82	0,19	900	-	17,50	1
240280243C	SBC-2 280	2480	1,05	0,24	1.220	-	23,50	1
240310243C	SBC-2 315	1400	0,6	0,14	1.080	-	26	1
240350243C	SBC-2 355	1400	0,75	0,17	1.500	-	35	1
240400243C	SBC-2 400	1400	1,2	0,26	1.800	-	51	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

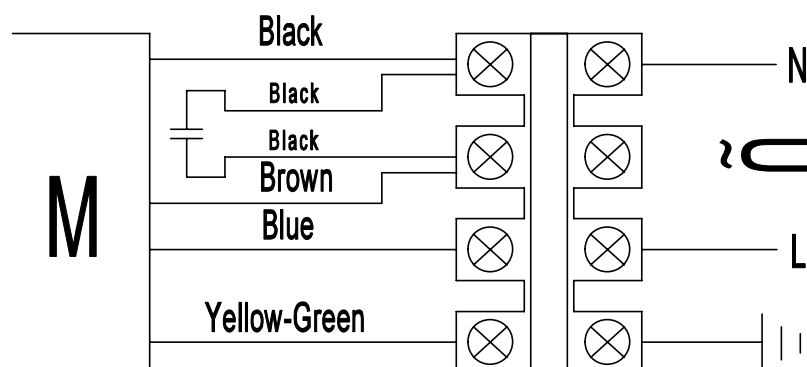


Model	A	B	C	D	E	F(aprox)	G	H	L
SBC-2 160	432	400	217	21.5	35.5	530	447	362,5	131
SBC-2 200	501	453	255,5	23	32.5	609	500	431,5	151
SBC-2 250	567	497	305,5	23	32.5	685	554	467,5	176
SBC-2 280	637	552	340,5	25.5	35	755	609	437,5	191
SBC-2 315	714	618	375,5	23	37.5	837	675	614,5	208.5
SBC-2 355	804	692	445,5	37.5	53	962	749	704,5	228.5
SBC-2 400	908	777	475,5	38	37.5	1066	834	808,5	251

Model	M	N	R	ØK	ØP
SBC-2 160	269	115.5	487	15	-
SBC-2 200	302	132.5	540	15	-
SBC-2 250	321	157.5	604	15	-
SBC-2 280	361	175	659	15	-
SBC-2 315	409.5	195	725	15	-
SBC-2 355	463.5	230.5	799	15	-
SBC-2 400	526	237.5	884	15	-

Wiring diagram

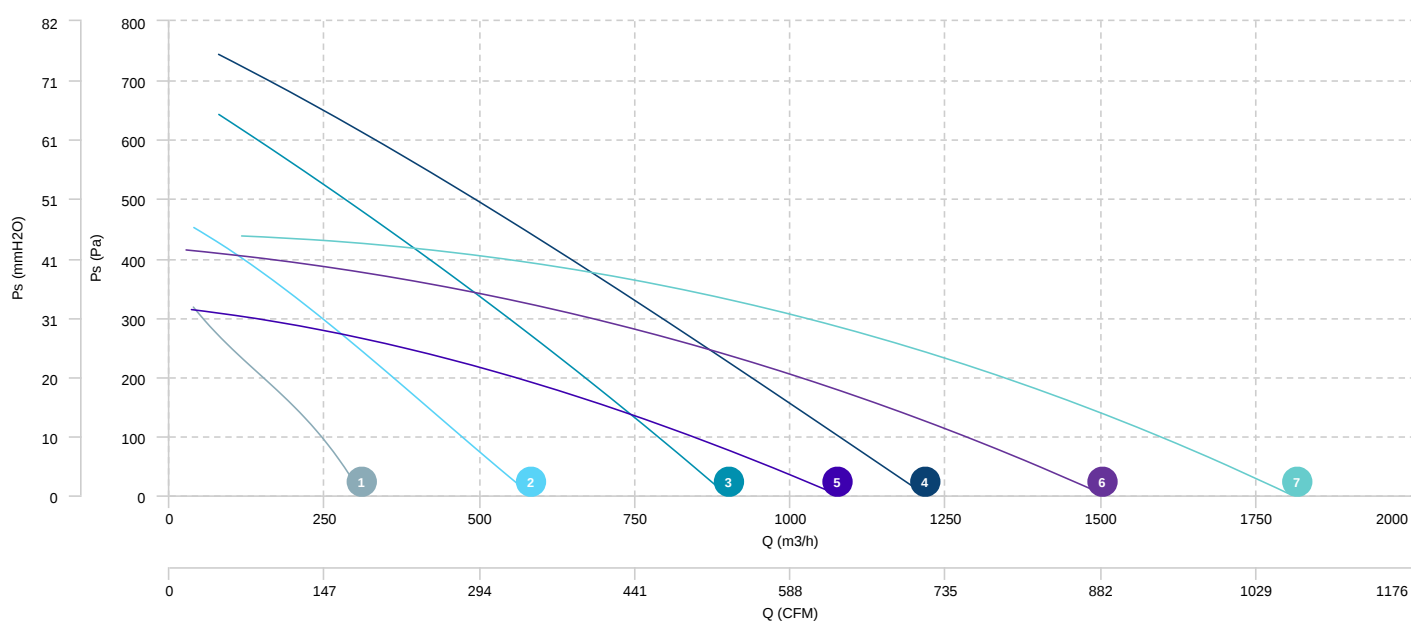
DIAGRAM N° 1



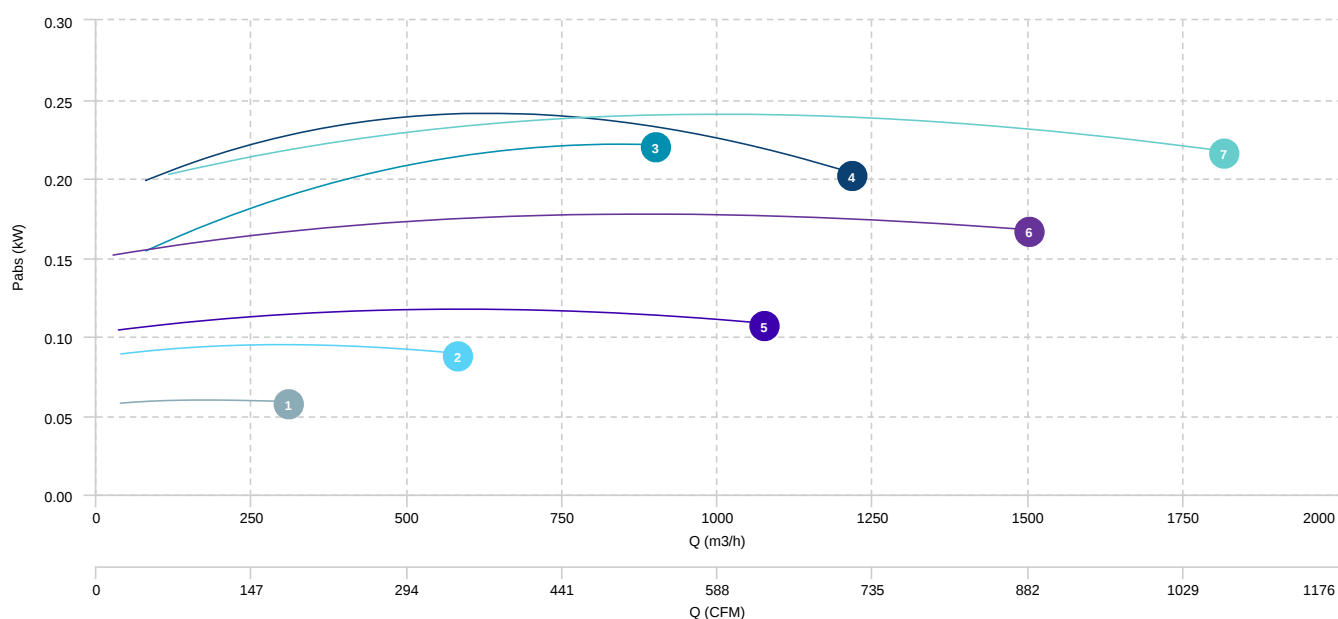
CHARACTERISCTIC CURVE

1 SBC-2 160	2 SBC-2 200	3 SBC-2 250	4 SBC-2 280
5 SBC-2 315	6 SBC-2 355	7 SBC-2 400	

AIR FLOW - PRESSURE



AIR FLOW - ABSORBED POWER



erp data

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

Model	Motor power (kW)	Maximum efficiency point data						
		Eff.Heat recovery (%)	Max. efficiency (%)	Pabs (kW)	Air Flow (m3/h)	Ps (Pa)	Speed (m/s)	SFP (W/m3/s)
SBC-2 280	0,24	-	30,15	0,24	623,45	413,89	2.81	1.392,42
SBC-2 355	0,17	-	33,87	0,18	843,41	253,68	2.37	756,97
SBC-2 400	0,26	-	35,80	0,24	1.038,92	295,08	2.3	833,42