

CA/LINE-25

Code: 1129397



In-line circular duct extractor fans with 3 speed motors

Fan:

- Sheet steel casing.
- Backward curved impeller.
- External terminal box.
- Quick and easy to install.
- Support foot included.

Motor:

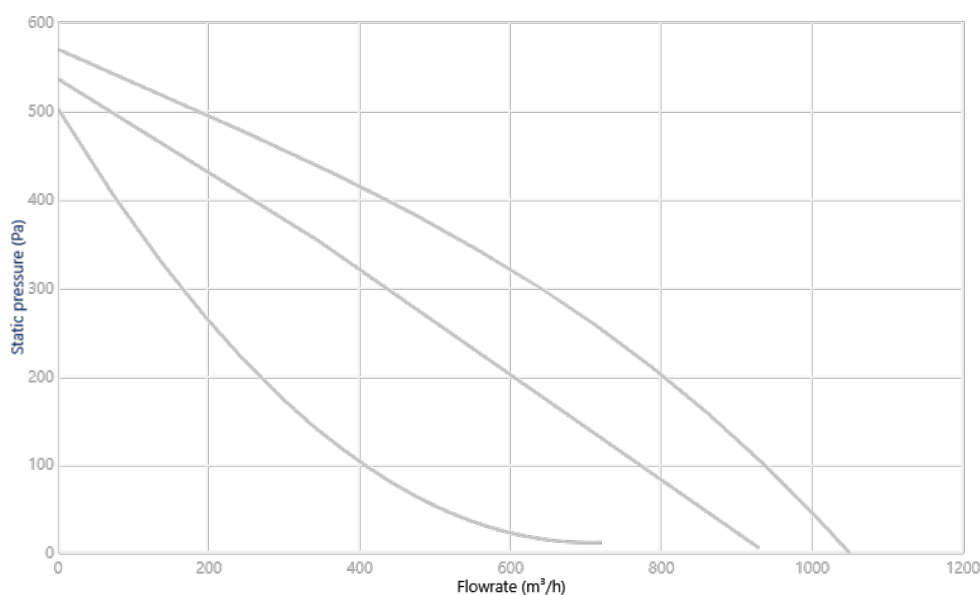
- 3-speed motors with long life ball bearings. IP44 protection.
- Single-phase 220-240 V 50/60 Hz.
- Working temperature: -25 °C +60 °C.

Finish:

- Galvanised steel sheet.



CHARACTERISTIC CURVE AND ACOUSTICS AT 1.2KG/M³

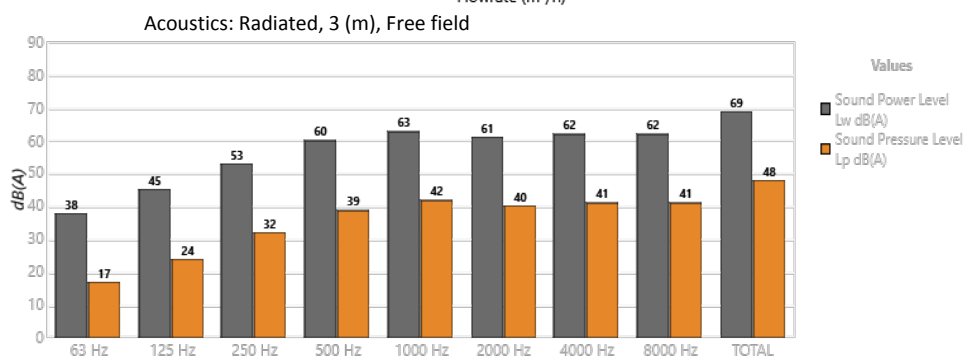


Design Point

Q (m³/h)	
Ps (Pa)	

Service Point (SP)

Q (m³/h)	-
Ps (Pa)	-
Pd (Pa)	-
Pt (Pa)	-



Band	Lw dB(A)	Lp dB(A)
63 Hz	38	17
125 Hz	45	24
250 Hz	53	32
500 Hz	60	39
1000 Hz	63	42
2000 Hz	61	40
4000 Hz	62	41
8000 Hz	62	41
TOTAL	69	48

TECHNICAL CHARACTERISTICS

Airflow maximum (m³/h)	1050
Speed (rpm)	2740
Maximum static pressure (Pa)	568.4
Maximum total pressure (Pa)	568.4

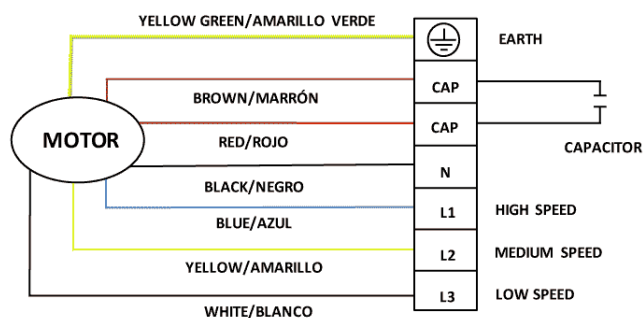
ERP

Brand	SODECA, S.L.U.	Control typology	Local demand control
Model	CA/LINE-25	Declared max. internal leakage rate (%)	2.0%
Specific energy consumption (SEC) average climate (kWh/(m ² .yr))	-24.1	Max. external leakage rate (%)	0.7%
Specific energy consumption (SEC) cold climate (kWh/(m ² .yr))	-51.2	Position and description of visual filter warning	Not applicable
Specific energy consumption (SEC) warm climate (kWh/(m ² .yr))	-8.6	Instructions to install regulated grilles	See manual
SEC class	C	Website	www.sodeca.com
Typology	RVU / UVU	Annual electricity consumption (AEC) average climate (kWh/yr)	200
Drive type	Multi-speed	Annual electricity consumption (AEC) warm climate (kWh/yr)	200
HRS type	None	Annual electricity consumption (AEC) cold climate (kWh/yr)	200
Maximum flow rate (m ³ /h)	922	Annual heating saved (AHS) average climate (kWh/yr)	2800
Electric power input of the fan drive at maximum flow rate (W)	164	Annual heating saved (AHS) warm climate (kWh/yr)	1300
Sound power level (LWA) (dBA)	69	Annual heating saved (AHS) cold climate (kWh/yr)	5500
Reference flow rate (m ³ /s)	0.179	ErP compliance	2018
Reference pressure difference (Pa)	295		
SPI (W/m ³ /h)	0.260		
Control factor	0.65		

MOTOR DATA

Max. Electrical Power (kW)	0.16
Hz/phases	50/1
Motor (rpm)	2740
Max. current (A) 220-240 V	0.61
Motor protection	IP44

Data can change, please check motor plate



DIMENSIONS

A	B	ød	øD	E	F	øK	C
215	373	250	333	402	190	5	100

Dimensions without explicitly defined units are shown in millimeters (mm). Dimensions depending on the motor are approximate

Approx. weight (kg)	5.6
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