



# CA/LINE-16

Code: 1129399



## 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:

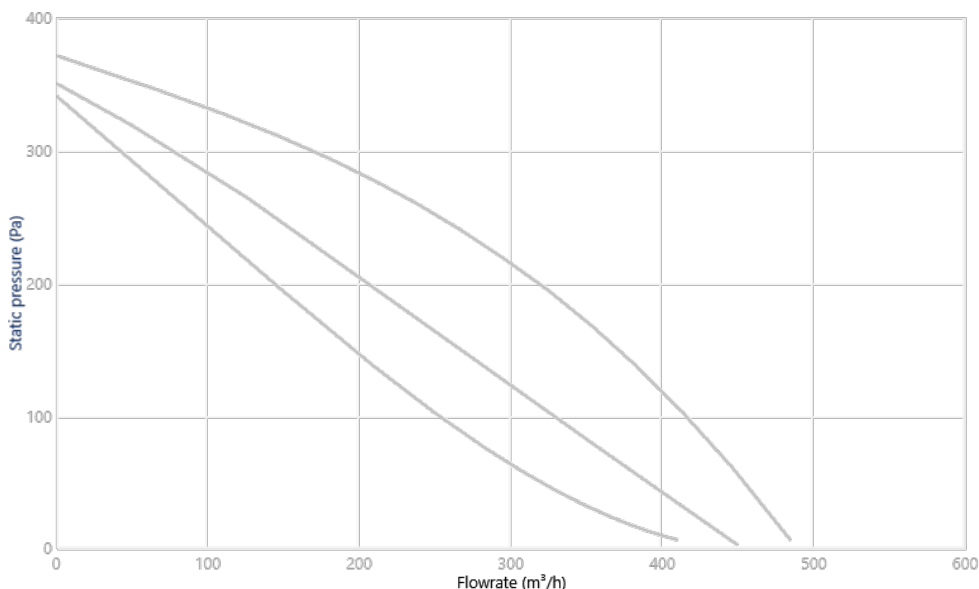
- 3-speed motors with long life ball bearings. IP44 protection.
- Single-phase 220-240 V 50/60 Hz.
- Working temperature: -25 °C +60 °C.

### Finish:

- Galvanised steel sheet.



## CHARACTERISTIC CURVE AND ACOUSTICS AT 1.2KG/M<sup>3</sup>



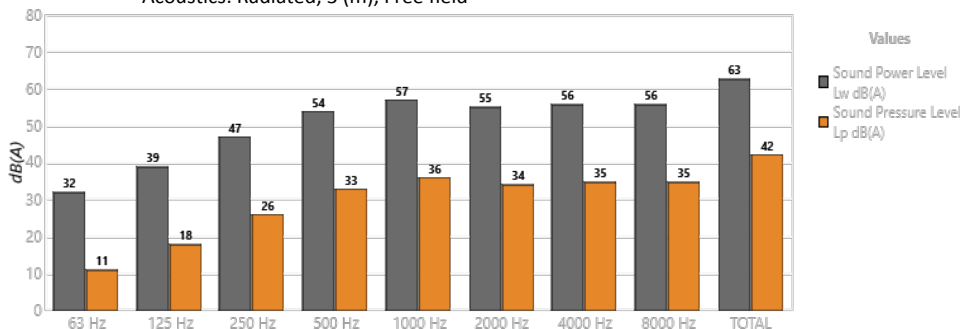
### Design Point

Q (m³/h)	
Ps (Pa)	

### Service Point (SP)

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

Acoustics: Radiated, 3 (m), Free field



Band	Lw dB(A)	Lp dB(A)
63 Hz	32	11
125 Hz	39	18
250 Hz	47	26
500 Hz	54	33
1000 Hz	57	36
2000 Hz	55	34
4000 Hz	56	35
8000 Hz	56	35
TOTAL	63	42

## TECHNICAL CHARACTERISTICS

Airflow maximum (m³/h)	485
Speed (rpm)	2750
Maximum static pressure (Pa)	371.3
Maximum total pressure (Pa)	371.3



ERP

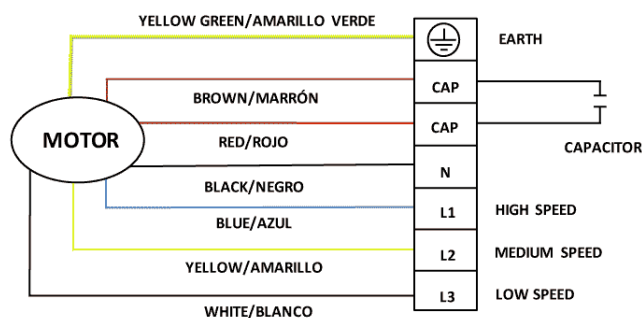
Brand	SODECA, S.L.U.
Model	CA/LINE-16
Specific energy consumption (SEC) average climate (kWh/(m <sup>2</sup> .yr))	-25.0
Specific energy consumption (SEC) cold climate (kWh/(m <sup>2</sup> .yr))	-52.1
Specific energy consumption (SEC) warm climate (kWh/(m <sup>2</sup> .yr))	-9.5
SEC class	C
Typology	RVU / UVU
Drive type	Multi-speed
HRS type	None
Maximum flow rate (m <sup>3</sup> /h)	408
Electric power input of the fan drive at maximum flow rate (W)	57
Sound power level (LWA) (dBA)	63
Reference flow rate (m <sup>3</sup> /s)	0.079
Reference pressure difference (Pa)	226
SPI (W/m <sup>3</sup> /h)	0.200
Control factor	0.65

Control typology	Local demand control
Declared max. internal leakage rate (%)	2.0%
Max. external leakage rate (%)	1.7%
Position and description of visual filter warning	Not applicable
Instructions to install regulated grilles	See manual
Website	www.sodeca.com
Annual electricity consumption (AEC) average climate (kWh/yr)	100
Annual electricity consumption (AEC) warm climate (kWh/yr)	100
Annual electricity consumption (AEC) cold climate (kWh/yr)	100
Annual heating saved (AHS) average climate (kWh/yr)	2800
Annual heating saved (AHS) warm climate (kWh/yr)	1300
Annual heating saved (AHS) cold climate (kWh/yr)	5500
ErP compliance	2018

MOTOR DATA

Max. Electrical Power (kW)	0.06
Hz/phases	50/1
Motor (rpm)	2750
Max. current (A) 220-240 V	0.22
Motor protection	IP44

Data can change, please check motor plate



DIMENSIONS

A	B	ød	øD	E	F	øK	C
196	312	158	278	351	167	4	47

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

Approx. weight (kg)	3.7
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