

# Technical Data Sheet

CODE 16250

## CA IL 100

Compact flat in-line centrifugal fans



### Certifications

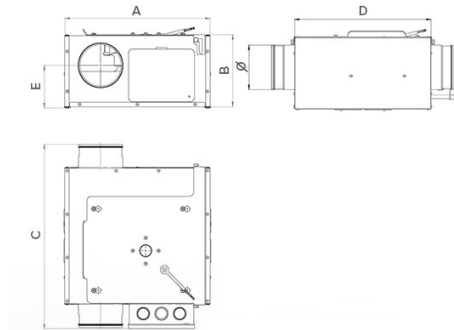
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### TECHNICAL AND PERFORMANCE DATA

Frequency (Hz)	50	Number of speeds	3
Insulation class	I°	Voltage (V)	230
Max ambient temperature for continuous operation (°C)	40	Weight (Kg)	5,4
Motor ATEX marking	44	Breakout sound power LWA [dB(A)]	51
Motor class	B	Max airflow (l/s)	69
Nominal current at Max speed (A)	0,22	Max airflow (m <sup>3</sup> /h)	250
Nominal current at Min speed (A)	0,16	Max pressure (mmH <sub>2</sub> O)	35,7
Nominal diameter (mm)	100	Max pressure (Pa)	350
Nominal power at Max speed (W)	50	Sound power at exhaust inlet LWA [dB(A)]	60
Nominal power at Min speed (W)	18	Sound power at supply outlet LWA [dB(A)]	64

### DIMENSIONS



Ø (mm)	100
Size A (mm)	327
Size B (mm)	163
Size C (mm)	411,5
Size D (mm)	307
Size E (mm)	94

### PER INFORMAZIONI / FOR INFORMATION

#### ITALY

Pre Sales:

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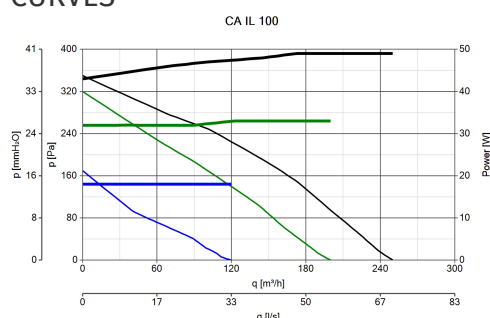
### DESCRIPTION

- Casing and motor-support made of galvanized sheet steel; lined internally with PE sound-proof panel (thickness 10 mm).
- Circular spigots for connection to standard tubes, equipped with double lip rubber seal for perfect air tightness.
- Nominal diameter: 100 mm.
- External rotor AC motorfan, with shaft turning in ball bearings, coupled to a backward curved centrifugal impeller.
- Galvanized steel sheet brackets, directly coupled to casing.
- Electric connection box accomodating capacitors, molded with shock-proof plastic resin resistant against aggressive agents, integrating cable

cages and cable glands to ensure high protection (IP55) against dust and water.

- 3 alternative installation: wall, ceiling and false-ceiling.
- Easy maintenance: motor is directly fixed to the cover, in turn hinged to the casing, allowing easy external rotation and motorfan direct access.
- Protection against dust and water: IP44.
- Electric insulation class: I (grounding is required).

### CURVES



### ACCESSORIES



#### C 1.5 (COMANDO EL. 1.5 A)

Code 12966



#### GR 100

Code 21177



#### FS 100

Code 21182



#### TRIO D

Code 12866



#### IREM D

Code 12867

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#### ITALY

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