

# Technical Data Sheet

CODE 17181

## LINEO 250

Mixed flow extractor fans



### Certifications

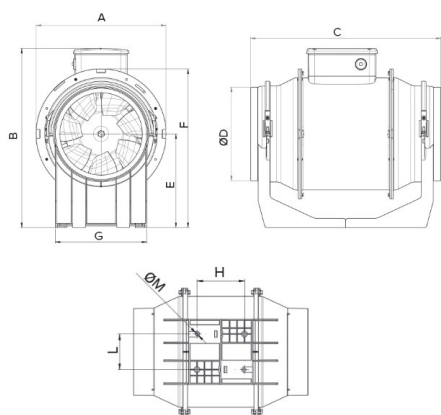


CB TEST CERTIFICATE

## Technical and performance data

|                                                         |         |                                                               |       |
|---------------------------------------------------------|---------|---------------------------------------------------------------|-------|
| Frequency (Hz)                                          | 50-60   | Max airflow at Mid speed at 60 Hz (m <sup>3</sup> /h)         | 1060  |
| Insulation class                                        | II°     | Max airflow at Min speed (l/s)                                | 344,4 |
| IP                                                      | X5      | Max airflow at Min speed at 60 Hz (l/s)                       | 187,5 |
| Max absorbed current at maMinx speed at 60 Hz (A)       | 0,45    | Max airflow at Min speed at 60 Hz (m <sup>3</sup> /h)         | 675   |
| Max absorbed current at Max speed (A)                   | 0,65    | Max pressure at 60 Hz (mmH2O)                                 | 49,3  |
| Max absorbed current at Max speed at 60 Hz (A)          | 0,95    | Max pressure at Max speed (mmH2O)                             | 37,6  |
| Max absorbed current at Mid speed (A)                   | 0,55    | Max pressure at Max speed (Pa)                                | 368,7 |
| Max absorbed current at Mid speed at 60 Hz (A)          | 0,70    | Max pressure at Max speed at 60Hz (Pa)                        | 483,5 |
| Max absorbed current at Min speed (A)                   | 0,42    | Max pressure at Mid speed (mmH2O)                             | 31,6  |
| Max absorbed power at Max speed (W)                     | 150     | Max pressure at Mid speed (Pa)                                | 309,9 |
| Max absorbed power at Max speed at 60 Hz (W)            | 215     | Max pressure at Mid speed at 60Hz (mmH2O)                     | 28    |
| Max absorbed power at Mid speed (W)                     | 125     | Max pressure at Mid speed at 60Hz (Pa)                        | 274,6 |
| Max absorbed power at Mid speed at 60 Hz (W)            | 160     | Max pressure at Min speed at 60Hz (mmH2O)                     | 11,9  |
| Max absorbed power at Min speed at 60 Hz (W)            | 100     | Max pressure at Min speed at 60Hz (Pa)                        | 116,7 |
| Max ambient temperature for continuous operation (°C)   | 50      | Max RPM                                                       | 2760  |
| Max continuous operation room temperature at 60 Hz (°C) | 40      | Max speed at 60 Hz (Rpm)                                      | 3050  |
| Nominal diameter (mm)                                   | 250     | Mid speed at 60 Hz (Rpm)                                      | 2000  |
| Power absorbed at 1st speed (W)                         | 95      | Min RPM                                                       | 1610  |
| Voltage (V)                                             | 220-240 | Min speed at 60 Hz (Rpm)                                      | 1320  |
| Weight (Kg)                                             | 5,3     | Potenza sonora at supply side at Min speed LWA [dB (A)]       | 64,7  |
| Airflow at 1st speed (l/s)                              | 241,7   | Pressure at 1st speed (mmH2O)                                 | 20,1  |
| Airflow at 1st speed (m <sup>3</sup> /h)                | 870     | Pressure at 1st speed (Pa)                                    | 197,1 |
| Breakout sound power LWA at Max speed [dB (A)]          | 64,7    | RPM at Mid speed                                              | 2280  |
| Breakout sound power LWA at Mid speed [dB (A)]          | 61,3    | Sound power at extract side at Max speed LWA [dB (A)]         | 75,5  |
| Breakout sound power LWA at Min speed [dB (A)]          | 56,0    | Sound power at extract side at Mid speed LWA [dB (A)]         | 71,7  |
| Breakout sound pressure at 3m at Max speed Lp [dB (A)]  | 44,1    | Sound power at extract side at Min speed LWA [dB (A)]         | 63,9  |
| Breakout sound pressure at 3m at Mid speed Lp [dB (A)]  | 40,8    | Sound power at supply side at Max speed LWA [dB (A)]          | 74,9  |
| Breakout sound pressure at 3m at Min speed Lp [dB (A)]  | 35,5    | Sound power at supply side at Mid speed LWA [dB (A)]          | 72,3  |
| Max airflow at Max speed (l/s)                          | 408,3   | Sound pressure at extract side at 3m at Max speed Lp [dB (A)] | 58,0  |
| Max airflow at Max speed (m <sup>3</sup> /h)            | 1470    | Sound pressure at extract side at 3m at Mid speed Lp [dB (A)] | 54,1  |
| Max airflow at Max speed at 60 Hz (l/s)                 | 452,8   | Sound pressure at extract side at 3m at Min speed Lp [dB (A)] | 46,4  |
| Max airflow at Max speed at 60 Hz (m <sup>3</sup> /h)   | 1630    | Sound pressure at supply side at 3m at Max speed Lp [dB (A)]  | 57,4  |
| Max airflow at Mid speed (m <sup>3</sup> /h)            | 1240    | Sound pressure at supply side at 3m at Mid speed Lp [dB (A)]  | 54,8  |
| Max airflow at Mid speed at 60 Hz (l/s)                 | 294,4   | Sound pressure at supply side at 3m at Min speed Lp [dB (A)]  | 47,1  |

# Dimensions



|             |       |
|-------------|-------|
| Size A (mm) | 300   |
| Size B (mm) | 378   |
| Size C (mm) | 322   |
| Size D (mm) | Ø 243 |
| Size E (mm) | 190   |
| Size F (mm) | 329   |
| Size G (mm) | 200   |
| Size H (mm) | 70    |
| Size L (mm) | 170   |
| Size M (mm) | Ø 6,5 |
| Size N (mm) | 174,5 |

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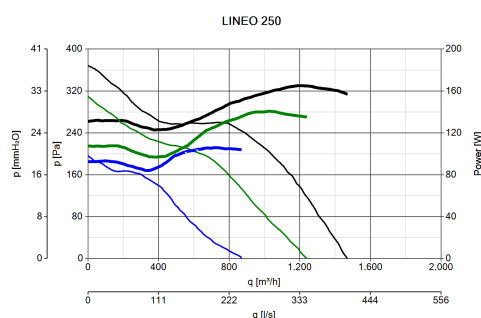


## Description

- Enclosures made of fire resistant plastic resin, E2 class, according with ISO EN 11925-2: 2010, in areas close to motor and electrical components.
- Nominal diameter 250 mm.
- Induction motor, thermally protected, with shaft mounted on ball

- bearing supports, coupled with a centrifugal impeller.
- High water resistance: IPX5 (if installed in a duct).
- Speed adjustable through Vortice speed devices.

## Curves



## Accessories



### TRIO-LINEO 503

Code 12891



### C 2.5 (COMANDO EL. 2.5 A)

Code 12967



### C TEMP

Code 12992



### C SMOKE

Code 12993



### C HCS

Code 12994



### C PIR

Code 12998



### C TIMER

Code 12999



**KIT SCB**  
**(TRASF.E.C.)**

Code 22481

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