

# Technical Data Sheet

CODE 17146

## LINEO 150

Mixed flow extractor fans



### Certifications

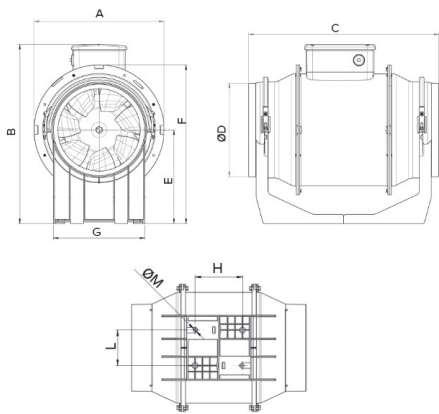


CB TEST CERTIFICATE

## Technical and performance data

|                                                        |         |                                                               |       |
|--------------------------------------------------------|---------|---------------------------------------------------------------|-------|
| Frequency (Hz)                                         | 50      | Breakout sound pressure at 3m at Min speed Lp [dB (A)]        | 24,9  |
| Insulation class                                       | II°     | Max airflow at Max speed (l/s)                                | 152,8 |
| IP                                                     | 44      | Max airflow at Max speed (m³/h)                               | 550   |
| Max absorbed current at Max speed (A)                  | 0,26    | Max pressure at Max speed (mmH2O)                             | 27    |
| Max absorbed current at Min speed (A)                  | 0,18    | Max pressure at Max speed (Pa)                                | 264,9 |
| Max absorbed power at Max speed (W)                    | 58      | Max RPM                                                       | 2100  |
| Max ambient temperature for continuous operation (°C)  | 60      | Min RPM                                                       | 1580  |
| Nominal diameter (mm)                                  | 150     | Potenza sonora at supply side at Min speed LWA [dB (A)]       | 56,2  |
| Power absorbed at 1st speed (W)                        | 40      | Pressure at 1st speed (mmH2O)                                 | 21    |
| Voltage (V)                                            | 220-240 | Pressure at 1st speed (Pa)                                    | 206   |
| Weight (Kg)                                            | 2,5     | Sound power at extract side at Max speed LWA [dB (A)]         | 64,9  |
| Airflow at 1st speed (l/s)                             | 106,9   | Sound power at extract side at Min speed LWA [dB (A)]         | 55,5  |
| Airflow at 1st speed (m³/h)                            | 385     | Sound power at supply side at Max speed LWA [dB (A)]          | 63,9  |
| Breakout sound power LWA at Max speed [dB (A)]         | 55,6    | Sound pressure at extract side at 3m at Max speed Lp [dB (A)] | 47,4  |
| Breakout sound power LWA at Min speed [dB (A)]         | 45,4    | Sound pressure at extract side at 3m at Min speed Lp [dB (A)] | 37,9  |
| Breakout sound pressure at 3m at Max speed Lp [dB (A)] | 35,0    | Sound pressure at supply side at 3m at Max speed Lp [dB (A)]  | 46,4  |
|                                                        |         | Sound pressure at supply side at 3m at Min speed Lp [dB (A)]  | 38,7  |

## Dimensions



|             |       |
|-------------|-------|
| Size A (mm) | 214,5 |
| Size B (mm) | 234   |
| Size C (mm) | 294   |
| Size D (mm) | 146   |
| Size E (mm) | 112,5 |
| Size F (mm) | 212   |
| Size G (mm) | 110   |
| Size H (mm) | 80    |
| Size L (mm) | 60    |
| Size M (mm) | 5,5   |

## PER INFORMAZIONI / FOR INFORMATION

### ITALY

Pre Sales:

[prevendita@vortice-italy.com](mailto:prevendita@vortice-italy.com)

After Sales:

[postvendita@vortice-italy.com](mailto:postvendita@vortice-italy.com)

### UNITED KINGDOM & REP. OF

#### IRELAND

Sales Dept:

[sales@vortice.ltd.uk](mailto:sales@vortice.ltd.uk)

Technical Dept:

[technical@vortice.ltd.uk](mailto:technical@vortice.ltd.uk)

### OTHER COUNTRIES

Sales Dept:

[export@vortice-italy.com](mailto:export@vortice-italy.com)

After Sales:

[after-sales@vortice-italy.com](mailto:after-sales@vortice-italy.com)

# Technical Data Sheet

CODE 17146

## LINEO 150

Mixed flow extractor fans

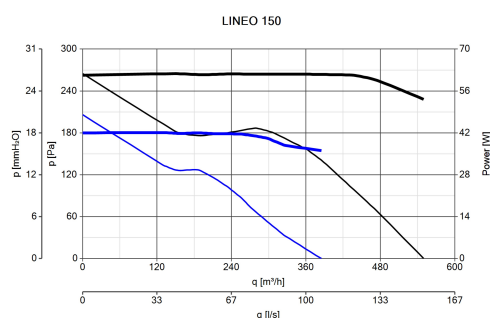


## Description

- 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 150 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



### LINEO-G 150

Code 22703



### LINEO-C 150

Code 22586



### LINEO-PF 150

Code 22579



### C TEMP

Code 12992



### C SMOKE

Code 12993



### C HCS

Code 12994



### C PIR

Code 12998



### C TIMER

Code 12999



### DUO

Code 22914



### LINEO-SF 500

Code 22593



### IREM D

Code 12867



### **IN-LINE-S 150**

Code 22562



### **IN-LINE-S 160**

Code 22563



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

Code 12966



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

Code 22481

## **PER INFORMAZIONI / FOR INFORMATION**

### **ITALY**

Pre Sales:

[prevendita@vortice-italy.com](mailto:prevendita@vortice-italy.com)

After Sales:

[postvendita@vortice-italy.com](mailto:postvendita@vortice-italy.com)

### **UNITED KINGDOM & REP. OF**

**IRELAND**

Sales Dept:

[sales@vortice.ltd.uk](mailto:sales@vortice.ltd.uk)

Technical Dept:

[technical@vortice.ltd.uk](mailto:technical@vortice.ltd.uk)

### **OTHER COUNTRIES**

Sales Dept:

[export@vortice-italy.com](mailto:export@vortice-italy.com)

After Sales:

[after-sales@vortice-italy.com](mailto:after-sales@vortice-italy.com)