

Technical Data Sheet

CODE 17182

LINEO 315

Mixed flow extractor fans



Certifications

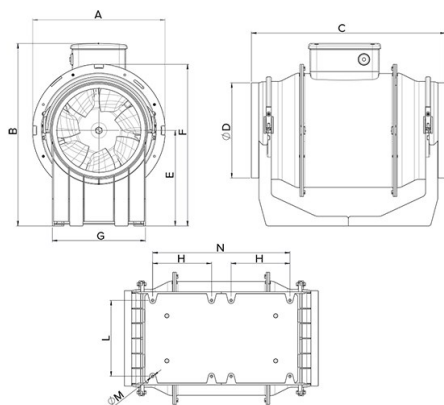


CB TEST CERTIFICATE

Technical and performance data

Frequency (Hz)	50-60	Max airflow at Mid speed at 60 Hz (m ³ /h)	2200
Insulation class	II°	Max airflow at Min speed (l/s)	647,2
IP	X5	Max airflow at Min speed at 60 Hz (l/s)	454,2
Max absorbed current at maMinx speed at 60 Hz (A)	1,10	Max airflow at Min speed at 60 Hz (m ³ /h)	1635
Max absorbed current at Max speed (A)	1,55	Max pressure at 60 Hz (mmH2O)	66,9
Max absorbed current at Max speed at 60 Hz (A)	2,30	Max pressure at Max speed (mmH2O)	57
Max absorbed current at Mid speed (A)	1,15	Max pressure at Max speed (Pa)	559
Max absorbed current at Mid speed at 60 Hz (A)	1,60	Max pressure at Max speed at 60Hz (Pa)	656,1
Max absorbed current at Min speed (A)	0,95	Max pressure at Mid speed (mmH2O)	44,4
Max absorbed power at Max speed (W)	360	Max pressure at Mid speed (Pa)	435,4
Max absorbed power at Max speed at 60 Hz (W)	520	Max pressure at Mid speed at 60Hz (mmH2O)	41,5
Max absorbed power at Mid speed (W)	270	Max pressure at Mid speed at 60Hz (Pa)	407
Max absorbed power at Mid speed at 60 Hz (W)	360	Max pressure at Min speed at 60Hz (mmH2O)	24,3
Max absorbed power at Min speed at 60 Hz (W)	250	Max pressure at Min speed at 60Hz (Pa)	238,3
Max ambient temperature for continuous operation (°C)	50	Max RPM	2710
Max room temperature for continuous operation at 60 Hz (°C)	50	Max speed at 60 Hz (Rpm)	3000
Nominal diameter (mm)	315	Mid speed at 60 Hz (Rpm)	2290
Power absorbed at 1st speed (W)	210	Min RPM	1900
Voltage (V)	220-240	Min speed at 60 Hz (Rpm)	1680
Weight (Kg)	9,5	Potenza sonora at supply side at Min speed LWA [dB (A)]	72,2
Airflow at 1st speed (l/s)	512,5	Pressure at 1st speed (mmH2O)	29,9
Airflow at 1st speed (m ³ /h)	1845	Pressure at 1st speed (Pa)	293,2
Breakout sound power LWA at Max speed [dB (A)]	72,1	RPM at Mid speed	2370
Breakout sound power LWA at Mid speed [dB (A)]	68,2	Sound power at extract side at Max speed LWA [dB (A)]	79,7
Breakout sound power LWA at Min speed [dB (A)]	63,4	Sound power at extract side at Mid speed LWA [dB (A)]	76,0
Breakout sound pressure at 3m at Max speed Lp [dB (A)]	51,6	Sound power at extract side at Min speed LWA [dB (A)]	70,9
Breakout sound pressure at 3m at Mid speed Lp [dB (A)]	47,6	Sound power at supply side at Max speed LWA [dB (A)]	82,5
Breakout sound pressure at 3m at Min speed Lp [dB (A)]	42,9	Sound power at supply side at Mid speed LWA [dB (A)]	77,9
Max airflow at Max speed (l/s)	761,1	Sound pressure at extract side at 3m at Max speed Lp [dB (A)]	62,2
Max airflow at Max speed (m ³ /h)	2740	Sound pressure at extract side at 3m at Mid speed Lp [dB (A)]	58,5
Max airflow at Max speed at 60 Hz (l/s)	838,9	Sound pressure at extract side at 3m at Min speed Lp [dB (A)]	53,4
Max airflow at Max speed at 60 Hz (m ³ /h)	3020	Sound pressure at supply side at 3m at Max speed Lp [dB (A)]	64,9
Max airflow at Mid speed (m ³ /h)	2330	Sound pressure at supply side at 3m at Mid speed Lp [dB (A)]	60,4
Max airflow at Mid speed at 60 Hz (l/s)	611,1	Sound pressure at supply side at 3m at Min speed Lp [dB (A)]	54,7

Dimensions



Size A (mm)	373
Size B (mm)	446
Size C (mm)	420
Size D (mm)	Ø 307
Size E (mm)	224
Size F (mm)	398
Size G (mm)	309
Size H (mm)	110
Size L (mm)	255
Size M (mm)	Ø 8,5
Size N (mm)	259,5

PER INFORMAZIONI / FOR INFORMATION

ITALY

Pre Sales:

prevendita@vortice-italy.com

After Sales:

postvendita@vortice-italy.com

UNITED KINGDOM & REP. OF

IRELAND

Sales Dept:

sales@vortice.ltd.uk

Technical Dept:

technical@vortice.ltd.uk

OTHER COUNTRIES

Sales Dept:

export@vortice-italy.com

After Sales:

after-sales@vortice-italy.com

Technical Data Sheet

CODE 17182

LINEO 315

Mixed flow extractor fans

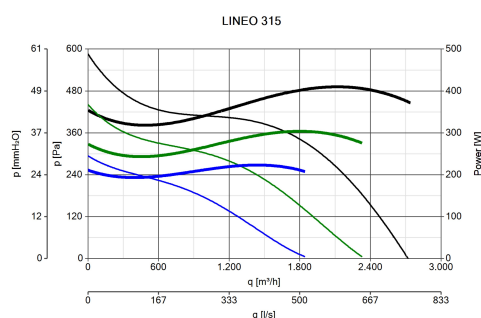


Description

- 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 315 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



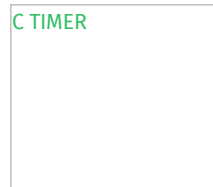
C HCS

Code 12994



C PIR

Code 12998



C TIMER

Code 12999



KIT SCB
(TRASF.E.C.)

Code 22481

PER INFORMAZIONI / FOR INFORMATION

ITALY

Pre Sales:

prevendita@vortice-italy.com

After Sales:

postvendita@vortice-italy.com

UNITED KINGDOM & REP. OF
IRELAND

Sales Dept:

sales@vortice.ltd.uk

Technical Dept:

technical@vortice.ltd.uk

OTHER COUNTRIES

Sales Dept:

export@vortice-italy.com

After Sales:

after-sales@vortice-italy.com