Technical Data Sheet

CODE 17182

LINEO 315

Mixed flow extractor fans



Certifications

CE

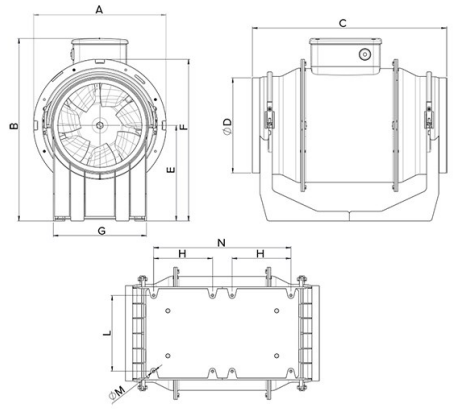
UKCA

CB TEST CERTIFICATE

Technical and performance data

Frequency (Hz)	50/60
Insulation class	II°
IP	X5
Max absorbed current at maMinx speed at 60 Hz (A)	1,10
Max absorbed current at Max speed (A)	1,55
Max absorbed current at Max speed at 60 Hz (A)	2,30
Max absorbed current at Mid speed (A)	1,15
Max absorbed current at Mid speed at 60 Hz (A)	1,60
Max absorbed current at Min speed (A)	0,95
Max absorbed power at Max speed (W)	360
Max absorbed power at Max speed at 60 Hz (W)	520
Max absorbed power at Mid speed (W)	270
Max absorbed power at Mid speed at 60 Hz (W)	360
Max absorbed power at Min speed at 60 Hz (W)	250
Max ambient temperature for continuous operation (°C)	50
Max room temperature for continuous operation at 60 Hz (°C)	50
Nominal diameter (mm)	315
Power absorbed at 1st speed (W)	210
Voltage (V)	220-240
Weight (Kg)	9,5
Airflow at 1st speed (l/s)	512,5
Airflow at 1st speed (m³/h)	1845
Breakout sound power LWA at Max speed [dB (A)]	72,1
Breakout sound power LWA at Mid speed [dB (A)]	68,2
Breakout sound power LWA at Min speed [dB (A)]	63,4
Breakout sound pressure at 3m at Max speed Lp [dB (A)]	51,6
Breakout sound pressure at 3m at Mid speed Lp [dB (A)]	47,6
Breakout sound pressure at 3m at Min speed Lp [dB (A)]	42,9
Max airflow at Max speed (l/s)	761,1
Max airflow at Max speed (m³/h)	2740
Max airflow at Max speed at 60 Hz (l/s)	838,9
Max airflow at Max speed at 60 Hz (m³/h)	3020
Max airflow at Mid speed (m³/h)	2330
Max airflow at Mid speed at 60 Hz (l/s)	611,1
Max airflow at Mid speed at 60 Hz (m³/h)	2200
Max airflow at Min speed (l/s)	647,2
Max airflow at Min speed at 60 Hz (l/s)	454,2
Max airflow at Min speed at 60 Hz (m³/h)	1635
Max pressure at 60 Hz (mmH2O)	66,9
Max pressure at Max speed (mmH20)	57
Max pressure at Max speed (Pa)	559
Max pressure at Max speed at 60Hz (Pa)	656,1
Max pressure at Mid speed (mmH2O)	44,4
Max pressure at Mid speed (Pa)	435.4
Max pressure at Mid speed at 60Hz (mmH2O)	41,5
Max pressure at Mid speed at 60Hz (Pa)	407
Max pressure at Min speed at 60Hz (mmH2O)	24,3
Max pressure at Min speed at 60Hz (Pa)	238,3
Max RPM	2710
Max speed at 60 Hz (Rpm)	3000
Mid speed at 60 Hz (Rpm)	2290
Min RPM	1900
Min speed at 60 Hz (Rpm)	1680
Potenza sonora at supply side at Min speed LWA [dB (A)]	72,2
Pressure at 1st speed (mmH20)	29,9
Pressure at 1st speed (Pa)	293,2
RPM at Mid speed	2370
Sound power at extract side at Max speed LWA [dB (A)]	79,7
Sound power at extract side at Mid speed LWA [dB (A)]	76,0
Sound power at extract side at Min speed LWA [dB (A)]	70,9
Sound power at supply side at Max speed LWA [dB (A)]	82,5
Sound power at supply side at Mid speed LWA [dB (A)]	77,9
Sound pressure at extract side at 3m at Max speed Lp [dB (A)]	62,2
Sound pressure at extract side at 3m at Mid speed Lp [dB (A)]	58,5
Sound pressure at extract side at 3m at Min speed Lp [dB (A)]	53,4
Sound pressure at suply side at 3m at Max speed Lp [dB (A)]	64,9
Sound pressure at suply side at 3m at Mid speed Lp [dB (A)]	60,4
Sound pressure at suply 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

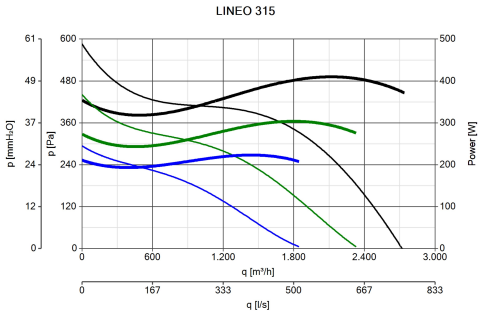
LINEO 315

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

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