Technical Data Sheet

CODE 17181

LINEO 250

Mixed flow extractor fans



Certifications

CE

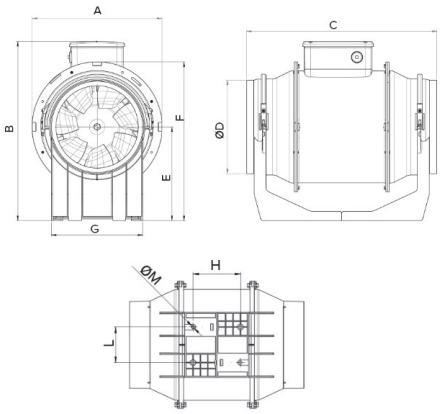
UKCA

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)	0,45
Max absorbed current at Max speed (A)	0,65
Max absorbed current at Max speed at 60 Hz (A)	0,95
Max absorbed current at Mid speed (A)	0,55
Max absorbed current at Mid speed at 60 Hz (A)	0,70
Max absorbed current at Min speed (A)	0,42
Max absorbed power at Max speed (W)	150
Max absorbed power at Max speed at 60 Hz (W)	215
Max absorbed power at Mid speed (W)	125
Max absorbed power at Mid speed at 60 Hz (W)	160
Max absorbed power at Min speed at 60 Hz (W)	100
Max ambient temperature for continuous operation (°C)	50
Max continuous operation room temperature at 60 Hz (°C)	40
Nominal diameter (mm)	250
Power absorbed at 1st speed (W)	95
Voltage (V)	220-240
Weight (Kg)	5,3
Airflow at 1st speed (l/s)	241,7
Airflow at 1st speed (m³/h)	870
Breakout sound power LWA at Max speed [dB (A)]	64,7
Breakout sound power LWA at Mid speed [dB (A)]	61,3
Breakout sound power LWA at Min speed [dB (A)]	56,0
Breakout sound pressure at 3m at Max speed Lp [dB (A)]	44,1
Breakout sound pressure at 3m at Mid speed Lp [dB (A)]	40,8
Breakout sound pressure at 3m at Min speed Lp [dB (A)]	35,5
Max airflow at Max speed (l/s)	408,3
Max airflow at Max speed (m³/h)	1470
Max airflow at Max speed at 60 Hz (l/s)	452,8
Max airflow at Max speed at 60 Hz (m³/h)	1630
Max airflow at Mid speed (m³/h)	1240
Max airflow at Mid speed at 60 Hz (l/s)	294,4
Max airflow at Mid speed at 60 Hz (m³/h)	1060
Max airflow at Min speed (l/s)	344,4
Max airflow at Min speed at 60 Hz (l/s)	187,5
Max airflow at Min speed at 60 Hz (m³/h)	675
Max pressure at 60 Hz (mmH2O)	49,3
Max pressure at Max speed (mmH20)	37,6
Max pressure at Max speed (Pa)	368,7
Max pressure at Max speed at 60Hz (Pa)	483,5
Max pressure at Mid speed (mmH2O)	31,6
Max pressure at Mid speed (Pa)	309,9
Max pressure at Mid speed at 60Hz (mmH2O)	28
Max pressure at Mid speed at 60Hz (Pa)	274,6
Max pressure at Min speed at 60Hz (mmH2O)	11,9
Max pressure at Min speed at 60Hz (Pa)	116,7
Max RPM	2760
Max speed at 60 Hz (Rpm)	3050
Mid speed at 60 Hz (Rpm)	2000
Min RPM	1610
Min speed at 60 Hz (Rpm)	1320
Potenza sonora at supply side at Min speed LWA [dB (A)]	64,7
Pressure at 1st speed (mmH20)	20,1
Pressure at 1st speed (Pa)	197,1
RPM at Mid speed	2280
Sound power at extract side at Max speed LWA [dB (A)]	75,5
Sound power at extract side at Mid speed LWA [dB (A)]	71,7
Sound power at extract side at Min speed LWA [dB (A)]	63,9
Sound power at supply side at Max speed LWA [dB (A)]	74,9
Sound power at supply side at Mid speed LWA [dB (A)]	72,3
Sound pressure at extract side at 3m at Max speed Lp [dB (A)]	58,0
Sound pressure at extract side at 3m at Mid speed Lp [dB (A)]	54,1
Sound pressure at extract side at 3m at Min speed Lp [dB (A)]	46,4
Sound pressure at suply side at 3m at Max speed Lp [dB (A)]	57,4
Sound pressure at suply side at 3m at Mid speed Lp [dB (A)]	54,8
Sound pressure at suply 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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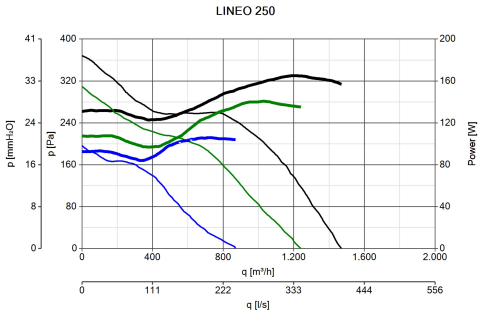
LINEO 250

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 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

C TIMER
Code 12999



KIT SCB
(TRASF.E.C.)
Code 22481

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