

Technical Data Sheet

CODE 17165

LINEO 250 QUIET

Sound-proof mixed flow extractor fans



Certifications

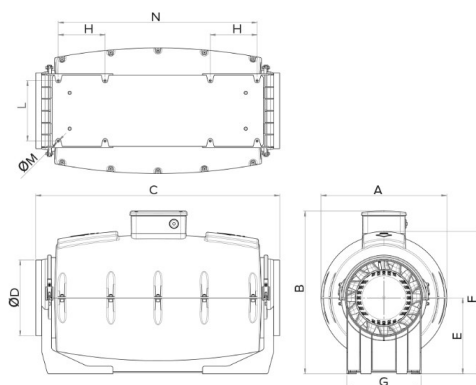


CB TEST CERTIFICATE

Technical and performance data

Frequency (Hz)	50-60	Max airflow at Mid speed at 60 Hz (m³/h)	1135
Insulation class	II°	Max airflow at Min speed (l/s)	372,2
IP	X5	Max airflow at Min speed at 60 Hz (l/s)	198,6
Max absorbed current at maMinx speed at 60 Hz (A)	0,45	Max airflow at Min speed at 60 Hz (m³/h)	715
Max absorbed current at Max speed (A)	0,65	Max pressure at 60 Hz (mmH2O)	46,6
Max absorbed current at Max speed at 60 Hz (A)	0,95	Max pressure at Max speed (mmH2O)	34,6
Max absorbed current at Mid speed (A)	0,55	Max pressure at Max speed (Pa)	339,3
Max absorbed current at Mid speed at 60 Hz (A)	0,70	Max pressure at Max speed at 60Hz (Pa)	457
Max absorbed current at Min speed (A)	0,42	Max pressure at Mid speed (mmH2O)	30,3
Max absorbed power at Max speed (W)	150	Max pressure at Mid speed (Pa)	297,2
Max absorbed power at Max speed at 60 Hz (W)	215	Max pressure at Mid speed at 60Hz (mmH2O)	28,7
Max absorbed power at Mid speed (W)	125	Max pressure at Mid speed at 60Hz (Pa)	281,5
Max absorbed power at Mid speed at 60 Hz (W)	160	Max pressure at Min speed at 60Hz (mmH2O)	12,9
Max absorbed power at Min speed at 60 Hz (W)	100	Max pressure at Min speed at 60Hz (Pa)	126,5
Max ambient temperature for continuous operation (°C)	50	Max RPM	2750
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)	1965
Power absorbed at 1st speed (W)	95	Min RPM	1640
Voltage (V)	220-240	Min speed at 60 Hz (Rpm)	1310
Weight (Kg)	13,4	Potenza sonora at supply side at Min speed LWA [dB (A)]	61,2
Airflow at 1st speed (l/s)	266,7	Pressure at 1st speed (mmH2O)	20,2
Airflow at 1st speed (m³/h)	960	Pressure at 1st speed (Pa)	198,1
Breakout sound power LWA at Max speed [dB (A)]	62,4	RPM at Mid speed	2320
Breakout sound power LWA at Mid speed [dB (A)]	59	Sound power at extract side at Max speed LWA [dB (A)]	70,9
Breakout sound power LWA at Min speed [dB (A)]	52,7	Sound power at extract side at Mid speed LWA [dB (A)]	67,6
Breakout sound pressure at 3m at Max speed Lp [dB (A)]	41,9	Sound power at extract side at Min speed LWA [dB (A)]	61,1
Breakout sound pressure at 3m at Mid speed Lp [dB (A)]	38,5	Sound power at supply side at Max speed LWA [dB (A)]	71,2
Breakout sound pressure at 3m at Min speed Lp [dB (A)]	32,2	Sound power at supply side at Mid speed LWA [dB (A)]	67,9
Max airflow at Max speed (l/s)	430,6	Sound pressure at extract side at 3m at Max speed Lp [dB (A)]	53,4
Max airflow at Max speed (m³/h)	1550	Sound pressure at extract side at 3m at Mid speed Lp [dB (A)]	50,1
Max airflow at Max speed at 60 Hz (l/s)	477,8	Sound pressure at extract side at 3m at Min speed Lp [dB (A)]	43,6
Max airflow at Max speed at 60 Hz (m³/h)	1720	Sound pressure at supply side at 3m at Max speed Lp [dB (A)]	53,7
Max airflow at Mid speed (m³/h)	1340	Sound pressure at supply side at 3m at Mid speed Lp [dB (A)]	50,4
Max airflow at Mid speed at 60 Hz (l/s)	315,3	Sound pressure at supply side at 3m at Min speed Lp [dB (A)]	43,7

Dimensions



Size A (mm)	318
Size B (mm)	412
Size C (mm)	751,5
Size D (mm)	Ø 243
Size E (mm)	189,5
Size F (mm)	363,5
Size G (mm)	200
Size H (mm)	70
Size L (mm)	170
Size M (mm)	Ø 6,5
Size N (mm)	604,5

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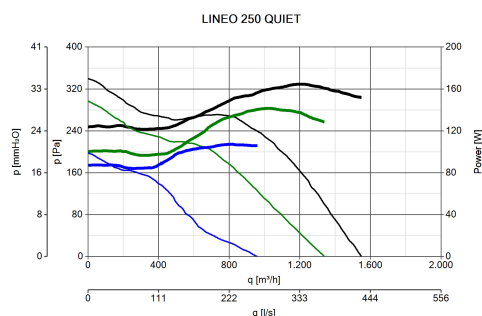
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Description

- Enclosures made of fire resistant plastic resin, E2 class, according with ISO EN 11925-2: 2010, in areas close to motor and electrical components.
- Casing integrating a sound-absorbing coating, optimized to minimize sound emissions radiated into the environment and transmitted through exhaust and supply ducts.
- 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 TIMER

Code 12999



KIT SCB (TRASF.E.C.)

Code 22481

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