

Technical Data Sheet

CODE 17181

LINEO 250

Mixed flow extractor fans



Certifications

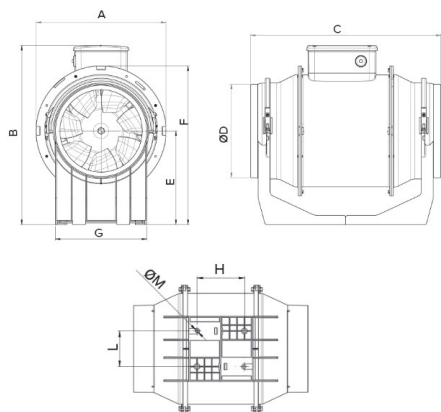


CB TEST CERTIFICATE

Technical and performance data

Frequency (Hz)	50-60	Max airflow at Mid speed at 60 Hz (m ³ /h)	1060
Insulation class	II°	Max airflow at Min speed (l/s)	344,4
IP	X5	Max airflow at Min speed at 60 Hz (l/s)	187,5
Max absorbed current at maMinx speed at 60 Hz (A)	0,45	Max airflow at Min speed at 60 Hz (m ³ /h)	675
Max absorbed current at Max speed (A)	0,65	Max pressure at 60 Hz (mmH2O)	49,3
Max absorbed current at Max speed at 60 Hz (A)	0,95	Max pressure at Max speed (mmH2O)	37,6
Max absorbed current at Mid speed (A)	0,55	Max pressure at Max speed (Pa)	368,7
Max absorbed current at Mid speed at 60 Hz (A)	0,70	Max pressure at Max speed at 60Hz (Pa)	483,5
Max absorbed current at Min speed (A)	0,42	Max pressure at Mid speed (mmH2O)	31,6
Max absorbed power at Max speed (W)	150	Max pressure at Mid speed (Pa)	309,9
Max absorbed power at Max speed at 60 Hz (W)	215	Max pressure at Mid speed at 60Hz (mmH2O)	28
Max absorbed power at Mid speed (W)	125	Max pressure at Mid speed at 60Hz (Pa)	274,6
Max absorbed power at Mid speed at 60 Hz (W)	160	Max pressure at Min speed at 60Hz (mmH2O)	11,9
Max absorbed power at Min speed at 60 Hz (W)	100	Max pressure at Min speed at 60Hz (Pa)	116,7
Max ambient temperature for continuous operation (°C)	50	Max RPM	2760
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)	2000
Power absorbed at 1st speed (W)	95	Min RPM	1610
Voltage (V)	220-240	Min speed at 60 Hz (Rpm)	1320
Weight (Kg)	5,3	Potenza sonora at supply side at Min speed LWA [dB (A)]	64,7
Airflow at 1st speed (l/s)	241,7	Pressure at 1st speed (mmH2O)	20,1
Airflow at 1st speed (m ³ /h)	870	Pressure at 1st speed (Pa)	197,1
Breakout sound power LWA at Max speed [dB (A)]	64,7	RPM at Mid speed	2280
Breakout sound power LWA at Mid speed [dB (A)]	61,3	Sound power at extract side at Max speed LWA [dB (A)]	75,5
Breakout sound power LWA at Min speed [dB (A)]	56,0	Sound power at extract side at Mid speed LWA [dB (A)]	71,7
Breakout sound pressure at 3m at Max speed Lp [dB (A)]	44,1	Sound power at extract side at Min speed LWA [dB (A)]	63,9
Breakout sound pressure at 3m at Mid speed Lp [dB (A)]	40,8	Sound power at supply side at Max speed LWA [dB (A)]	74,9
Breakout sound pressure at 3m at Min speed Lp [dB (A)]	35,5	Sound power at supply side at Mid speed LWA [dB (A)]	72,3
Max airflow at Max speed (l/s)	408,3	Sound pressure at extract side at 3m at Max speed Lp [dB (A)]	58,0
Max airflow at Max speed (m ³ /h)	1470	Sound pressure at extract side at 3m at Mid speed Lp [dB (A)]	54,1
Max airflow at Max speed at 60 Hz (l/s)	452,8	Sound pressure at extract side at 3m at Min speed Lp [dB (A)]	46,4
Max airflow at Max speed at 60 Hz (m ³ /h)	1630	Sound pressure at suply side at 3m at Max speed Lp [dB (A)]	57,4
Max airflow at Mid speed (m ³ /h)	1240	Sound pressure at suply side at 3m at Mid speed Lp [dB (A)]	54,8
Max airflow at Mid speed at 60 Hz (l/s)	294,4	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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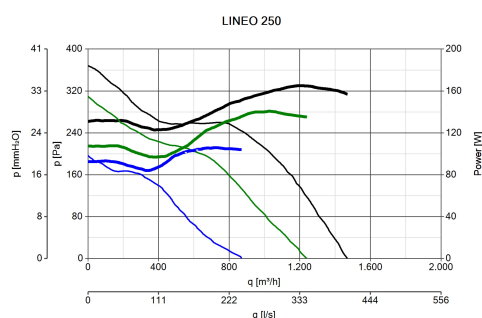


Description

- 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

Code 12999



KIT SCB
(TRASF.E.C.)

Code 22481

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