

Technical Data Sheet

CODE 17159

LINEO 100 ES

Energy saving mixed flow extractor fans



Certifications



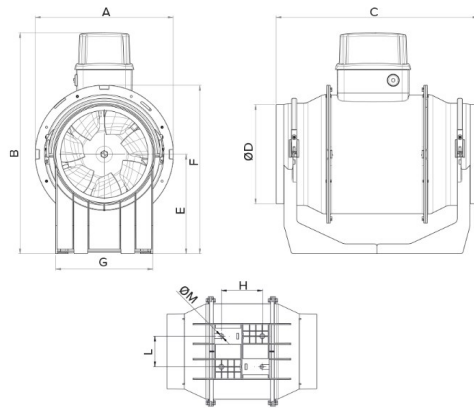
CB TEST CERTIFICATE

Technical and performance data

Corrente max assorbita a 2V (A)	0,06	Max pressure at 6V (Pa)	59,8
Frequency (Hz)	50	Max pressure at 10V (mmH2O)	26,4
Insulation class	II°	Max pressure at 4V (mmH2O)	3,7
IP	45	Max pressure at 6V (mmH2O)	6,1
Max absorbed current at 10V (A)	0,20	Max pressure at 8V (mmH2O)	11,4
Max absorbed current at 4V (A)	0,07	Max pressure at 8V (Pa)	111,8
Max absorbed current at 6V (A)	0,09	Portata max a 2V (l/s)	12,5
Max absorbed current at 8V (A)	0,15	Portata max a 2V (m3/h)	45
Max absorbed power at 10V (W)	20	Potenza sonora Lw [dB (A)] IN	48,1
Max absorbed power at 4V (W)	6,5	ASPIRAZIONE - a 2V	
Max absorbed power at 6V (W)	8,7	Potenza sonora Lw [dB (A)] IN MANDATA	46,2
Max absorbed power at 8V (W)	16	- a 2V	
Max ambient temperature for continuous operation (°C)	60	Pressione max a 2V (mmH2O)	0,6
Nominal diameter (mm)	100	Pressione max a 2V (Pa)	5,9
Potenza max assorbita a 2V (W)	3,7	Pressione sonora Lp [dB (A)] 3m IN	30,6
Voltage (V)	220-240	ASPIRAZIONE - a 2V	
Weight (Kg)	2,3	Pressione sonora Lp [dB (A)] 3m IN	28,7
Breakout sound power at 10V Lw [dB (A)]	52,3	MANDATA - a 2V	
Breakout sound power at 2V LWA [dB (A)]	30,9	Pressione sonora Lp [dB (A)] 3m	10,4
Breakout sound power at 4V Lw [dB (A)]	35,5	IRRADIATO - a 2V	
Breakout sound power at 6V Lw [dB (A)]	39,5	RPM 2V	490
Breakout sound power at 8V Lw [dB (A)]	47,8	RPM at 10V	2220
Breakout sound pressure at 3m at 10V Lp [dB (A)]	31,8	RPM at 4V	1070
Breakout sound pressure at 3m at 4V Lp [dB (A)]	15	RPM at 6V	1345
Breakout sound pressure at 3m at 6V Lp [dB (A)]	18,9	RPM at 8V	1900
Breakout sound pressure at 3m at 8V Lp [dB (A)]	27,2	Sound power at extract side at 10V speed LWA [dB (A)]	82,6
Max airflow at 10V (l/s)	84,7	Sound power at extract side at 4V speed LWA [dB (A)]	63,3
Max airflow at 10V (m³/h)	305	Sound power at extract side at 6V speed LWA [dB (A)]	69,4
Max airflow at 4V (l/s)	38,9	Sound power at extract side at 8V speed LWA [dB (A)]	78,2
Max airflow at 4V (m³/h)	140	Sound power at supply side at 10V speed LWA [dB (A)]	82
Max airflow at 6V (l/s)	48,6	Sound power at supply side at 4V speed LWA [dB (A)]	62,1
Max airflow at 6V (m³/h)	175	Sound power at supply side at 6V speed LWA [dB (A)]	68,4
Max airflow at 8V (l/s)	69,4	Sound power at supply side at 8V speed LWA [dB (A)]	77,5
Max airflow at 8V (m³/h)	250	Sound pressure at extract side at 3m at 10V Lp [dB (A)]	65,1
Max pressure at 10V (Pa)	258,9	Sound pressure at extract side at 3m at 4V Lp [dB (A)]	45,8
Max pressure at 4V (Pa)	36,3	Sound pressure at extract side at 3m at 6V Lp [dB (A)]	51,9
		Sound pressure at extract side at 3m at 8V Lp [dB (A)]	60,7
		Sound pressure at supply side at 3m at 10V Lp [dB (A)]	64,4
		Sound pressure at supply side at 3m at 4V Lp [dB (A)]	44,6
		Sound pressure at supply side at 3m at 6V	50,9

Lp [dB (A)]	
Sound pressure at suply side at 3m at 8V	59,9
Lp [dB (A)]	

Dimensions



Size A (mm)	188,5
Size B (mm)	240
Size C (mm)	303
Size D (mm)	96
Size E (mm)	101,5
Size F (mm)	189
Size G (mm)	90
Size H (mm)	80
Size L (mm)	60
Size M (mm)	5,5

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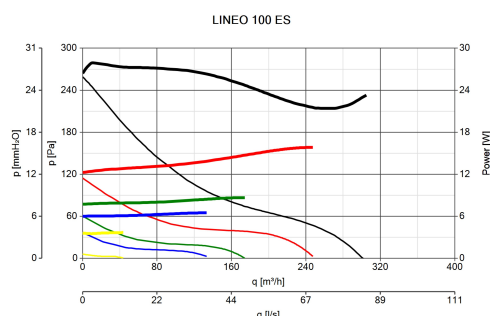
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Description

- Enclosures made of fire resistant plastic resin, E2 class, according with ISO EN 11925-2: 2010, in areas close to motor and electrical components.
- Nominal diameter 100 mm.
- EC (brushless) motor, thermally protected, with shaft mounted on ball bearing supports, coupled with a centrifugal impeller.
- High water resistance: IPX5 (if installed in a duct).
- Equipped with a thermal fuse overheating safety device.
- Speed adjustable through potentiometer (0-10V signal) or two-speed switch (to be set at the installation in a preset range).

Curves



Accessories



LINEO-G 100

Code 22701



LINEO-C 100

Code 22584



LINEO-PF 100

Code 22577



POT-IT

Code 12826



LINEO-SF 500

Code 22593



IREM D

Code 12867



POT

Code 12828



C TEMP

Code 12992



C SMOKE

Code 12993



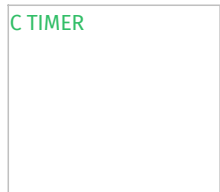
C HCS

Code 12994



C PIR

Code 12998



C TIMER

Code 12999

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