

Technical Data Sheet

CODE 16018

CA 125 V0 D

In-line centrifugal fans in self-extinguishing plastic



Certifications



CB TEST CERTIFICATE

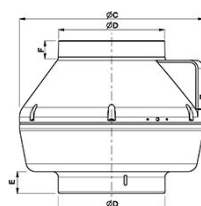
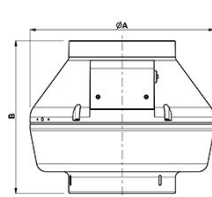
Technical and performance data

Frequency (Hz)	50	Max airflow at Min speed at 60 Hz (m³/h)	120
Insulation class	II°	Max pressure at 60 Hz (mmH2O)	41,5
IP	X4	Max pressure at Max speed (mmH2O)	34,8
Max absorbed current at maMinx speed at 60 Hz (A)	0,17	Max pressure at Max speed (Pa)	341
Max absorbed current at Max speed (A)	0,22	Max pressure at Max speed at 60Hz (Pa)	407
Max absorbed current at Max speed at 60 Hz (A)	0,26	Max pressure at Mid speed (mmH2O)	33,3
Max absorbed current at Mid speed (A)	0,21	Max pressure at Mid speed (Pa)	327
Max absorbed current at Mid speed at 60 Hz (A)	0,24	Max pressure at Mid speed at 60Hz (mmH2O)	31,7
Max absorbed current at Min speed (A)	0,14	Max pressure at Mid speed at 60Hz (Pa)	311
Max absorbed power at Max speed (W)	43	Max pressure at Min speed at 60Hz (mmH2O)	11,3
Max absorbed power at Max speed at 60 Hz (W)	46	Max pressure at Min speed at 60Hz (Pa)	111
Max absorbed power at Mid speed (W)	30	Max RPM	2220
Max absorbed power at Mid speed at 60 Hz (W)	35	Max speed at 60 Hz (Rpm)	2100
Max absorbed power at Min speed at 60 Hz (W)	16	Mid speed at 60 Hz (Rpm)	1715
Max ambient temperature for continuous operation (°C)	50	Min RPM	890
Nominal diameter (mm)	125	Min speed at 60 Hz (Rpm)	1025
Ø Discharge hole (mm)	122	Potenza sonora at supply side at Min speed LWA [dB (A)]	54,8
Power absorbed at 1st speed (W)	13	Pressure at 1st speed (mmH2O)	10,3
Voltage (V)	220-240	Pressure at 1st speed (Pa)	101
Weight (Kg)	2,3	RPM at Mid speed	1820
Airflow at 1st speed (l/s)	31	Sound power at extract side at Max speed LWA [dB (A)]	82,2
Airflow at 1st speed (m³/h)	110	Sound power at extract side at Mid speed LWA [dB (A)]	77,7
Breakout sound power at Max speed at 60 Hz LWA [dB (A)]	54,3	Sound power at extract side at Min speed LWA [dB (A)]	57,8
Breakout sound power at Mid speed at 60 Hz LWA [dB (A)]	48,2	Sound power at supply side at Max speed LWA [dB (A)]	80
Breakout sound power at Min speed at 60 Hz LWA [dB (A)]	34,2	Sound power at supply side at Mid speed LWA [dB (A)]	74,7
Breakout sound power LWA at Max speed [dB (A)]	56,2	Sound powerat at extraction side at Max speed at 60 Hz LWA [dB (A)]	80,4
Breakout sound power LWA at Mid speed [dB (A)]	49,5	Sound powerat at extraction side at Mid speed at 60 Hz LWA [dB (A)]	76,1
Breakout sound power LWA at Min speed [dB (A)]	31,2	Sound powerat at extraction side at Min speed at 60 Hz LWA [dB (A)]	61,2
breakout sound pressure at 3m at Max speed at 60 Hz Lp [dB (A)]	33,7	Sound powerat at supply side at Max speed at 60 Hz LWA [dB (A)]	78,1
Breakout sound pressure at 3m at Max speed Lp [dB (A)]	35,7	Sound powerat at supply side at Mid speed at 60 Hz LWA [dB (A)]	73,3
breakout sound pressure at 3m at Mid speed at 60 Hz Lp [dB (A)]	27,7	Sound powerat at supply side at Min speed at 60 Hz LWA [dB (A)]	58,4
Breakout sound pressure at 3m at Mid speed Lp [dB (A)]	29,0	Sound pressure at extract side at 3m at Max speed at 60 HzLp [dB (A)]	62,9
		Sound pressure at extract side at 3m at	64,7

breakout sound pressure at 3m at Min speed at 60 Hz Lp [dB (A)]	13,6
Breakout sound pressure at 3m at Min speed Lp [dB (A)]	10,6
Max airflow at Max speed (l/s)	75
Max airflow at Max speed (m³/h)	270
Max airflow at Max speed at 60 Hz (l/s)	71
Max airflow at Max speed at 60 Hz (m³/h)	255
Max airflow at Mid speed (m³/h)	215
Max airflow at Mid speed at 60 Hz (l/s)	51
Max airflow at Mid speed at 60 Hz (m³/h)	185
Max airflow at Min speed (l/s)	60
Max airflow at Min speed at 60 Hz (l/s)	33

Max speed Lp [dB (A)]	
Sound pressure at extract side at 3m at Mid speed at 60 HzLp [dB (A)]	55,8
Sound pressure at extract side at 3m at Mid speed Lp [dB (A)]	60,1
Sound pressure at extract side at 3m at Min speed at 60 HzLp [dB (A)]	43,7
Sound pressure at extract side at 3m at Min speed Lp [dB (A)]	40,2
Sound pressure at suply side at 3m at Max speed Lp [dB (A)]	62,5
Sound pressure at suply side at 3m at Mid speed Lp [dB (A)]	57,2
Sound pressure at suply side at 3m at Min speed Lp [dB (A)]	37,3
Sound pressure at supply side at 3m at Max speed at 60 HzLp [dB (A)]	60,5
Sound pressure at supply side at 3m at Mid speed at 60 HzLp [dB (A)]	58,6
Sound pressure at supply side at 3m at Min speed at 60 HzLp [dB (A)]	40,9

Dimensions



Size A (mm)	250
Size B (mm)	250
Size C (mm)	250
Size D (mm)	122
Size E (mm)	30
Size F (mm)	30

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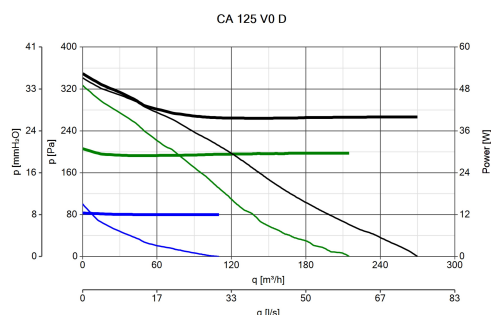
In-line centrifugal fans in self-extinguishing plastic



Description

- Material: self-extinguishing PP thermoplastic resin, rated V0.
- Nominal diameter 125 mm.
- 3 speed fan consisting of:
 - AC motor with thermal overload cutout and shaft turning in ball bearings,
 - backward curved impeller.
- Operation controllable by remote sensors monitoring: Temperature, Relative Humidity, Smoke and Presence.
- Zinc-coated steel brackets for wall mounting.

Curves



Accessories



KIT SCB (TRASF.E.C.)

Code 22481



CA-MU (STAFFE DI SOSTEGNO)

Code 22674



CA-G 125 (GRIGLIA DI PROTEZIONE)

Code 22755



C TEMP

Code 12992



C SMOKE

Code 12993



C HCS

Code 12994



C PIR

Code 12998

C TIMER



C TIMER

Code 12999

TRIO D

Code 12866

TRIO-LINEO**503**

Code 12891

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