

Technical Data Sheet

CODE 16028

CA 150 V0 D

In-line centrifugal fans in self-extinguishing plastic



Certifications



CB TEST CERTIFICATE

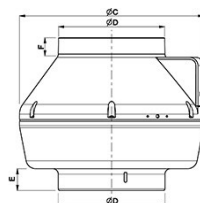
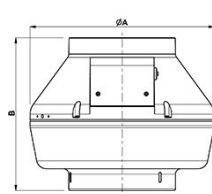
Technical and performance data

Frequency (Hz)	50-60	Max airflow at Min speed at 60 Hz (m³/h)	180
Insulation class	II°	Max pressure at 60 Hz (mmH2O)	33,8
IP	X4	Max pressure at Max speed (mmH2O)	31,9
Max absorbed current at maMinx speed at 60 Hz (A)	0,17	Max pressure at Max speed (Pa)	313
Max absorbed current at Max speed (A)	0,22	Max pressure at Max speed at 60Hz (Pa)	332
Max absorbed current at Max speed at 60 Hz (A)	0,26	Max pressure at Mid speed (mmH2O)	29,4
Max absorbed current at Mid speed (A)	0,21	Max pressure at Mid speed (Pa)	288
Max absorbed current at Mid speed at 60 Hz (A)	0,24	Max pressure at Mid speed at 60Hz (mmH2O)	27,7
Max absorbed current at Min speed (A)	0,14	Max pressure at Mid speed at 60Hz (Pa)	272
Max absorbed power at Max speed (W)	43	Max pressure at Min speed at 60Hz (mmH2O)	8,7
Max absorbed power at Max speed at 60 Hz (W)	46	Max pressure at Min speed at 60Hz (Pa)	85
Max absorbed power at Mid speed (W)	30	Max RPM	2200
Max absorbed power at Mid speed at 60 Hz (W)	35	Max speed at 60 Hz (Rpm)	2070
Max absorbed power at Min speed at 60 Hz (W)	16	Mid speed at 60 Hz (Rpm)	1695
Max ambient temperature for continuous operation (°C)	50	Min RPM	890
Nominal diameter (mm)	150	Min speed at 60 Hz (Rpm)	1015
Ø Discharge hole (mm)	147	Potenza sonora at supply side at Min speed LWA [dB (A)]	56,1
Power absorbed at 1st speed (W)	13	Pressure at 1st speed (mmH2O)	7,2
Voltage (V)	220-240	Pressure at 1st speed (Pa)	71
Weight (Kg)	2,6	RPM at Mid speed	1800
Airflow at 1st speed (l/s)	44	Sound power at extract side at Max speed LWA [dB (A)]	82
Airflow at 1st speed (m³/h)	160	Sound power at extract side at Mid speed LWA [dB (A)]	77,4
Breakout sound power at Max speed at 60 Hz LWA [dB (A)]	53,9	Sound power at extract side at Min speed LWA [dB (A)]	58,7
Breakout sound power at Mid speed at 60 Hz LWA [dB (A)]	49,3	Sound power at supply side at Max speed LWA [dB (A)]	80
Breakout sound power at Min speed at 60 Hz LWA [dB (A)]	36,2	Sound power at supply side at Mid speed LWA [dB (A)]	75,2
Breakout sound power LWA at Max speed [dB (A)]	56	Sound powerat at extraction side at Max speed at 60 Hz LWA [dB (A)]	80,8
Breakout sound power LWA at Mid speed [dB (A)]	50,8	Sound powerat at extraction side at Mid speed at 60 Hz LWA [dB (A)]	75,9
Breakout sound power LWA at Min speed [dB (A)]	33,1	Sound powerat at extraction side at Min speed at 60 Hz LWA [dB (A)]	62,0
breakout sound pressure at 3m at Max speed at 60 Hz Lp [dB (A)]	33,3	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)]	35,4	Sound powerat at supply side at Mid speed at 60 Hz LWA [dB (A)]	73,8
breakout sound pressure at 3m at Mid speed at 60 Hz Lp [dB (A)]	28,8	Sound powerat at supply side at Min speed at 60 Hz LWA [dB (A)]	59,3
Breakout sound pressure at 3m at Mid speed Lp [dB (A)]	30,3	Sound pressure at extract side at 3m at Max speed at 60 HzLp [dB (A)]	63,3
		Sound pressure at extract side at 3m at	64,5

breakout sound pressure at 3m at Min speed at 60 Hz Lp [dB (A)]	15,7
Breakout sound pressure at 3m at Min speed Lp [dB (A)]	12,6
Max airflow at Max speed (l/s)	111
Max airflow at Max speed (m³/h)	400
Max airflow at Max speed at 60 Hz (l/s)	103
Max airflow at Max speed at 60 Hz (m³/h)	370
Max airflow at Mid speed (m³/h)	315
Max airflow at Mid speed at 60 Hz (l/s)	85
Max airflow at Mid speed at 60 Hz (m³/h)	305
Max airflow at Min speed (l/s)	88
Max airflow at Min speed at 60 Hz (l/s)	50

Max speed Lp [dB (A)]	
Sound pressure at extract side at 3m at Mid speed at 60 HzLp [dB (A)]	56,3
Sound pressure at extract side at 3m at Mid speed Lp [dB (A)]	59,9
Sound pressure at extract side at 3m at Min speed at 60 HzLp [dB (A)]	44,5
Sound pressure at extract side at 3m at Min speed Lp [dB (A)]	41,2
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)]	57,7
Sound pressure at suply side at 3m at Min speed Lp [dB (A)]	38,6
Sound pressure at supply side at 3m at Max speed at 60 HzLp [dB (A)]	60,6
Sound pressure at supply side at 3m at Mid speed at 60 HzLp [dB (A)]	58,4
Sound pressure at supply side at 3m at Min speed at 60 HzLp [dB (A)]	41,8

Dimensions



Size A (mm)	300
Size B (mm)	305
Size C (mm)	300
Size D (mm)	147/157
Size E (mm)	30/60
Size F (mm)	30/60

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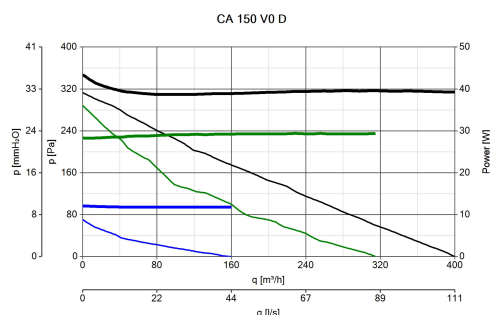
In-line centrifugal fans in self-extinguishing plastic



Description

- Material: self-extinguishing PP thermoplastic resin, rated V0.
- Nominal diameter 150 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 150 (GRIGLIA DI PROTEZIONE)

Code 22760



C TEMP

Code 12992



C SMOKE

Code 12993



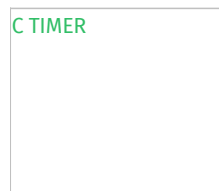
C HCS

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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