

Technical Data Sheet

CODE 16185

CA 200 MD E RF

Centrifugal duct fans for roof mounting



Certifications



CB TEST CERTIFICATE

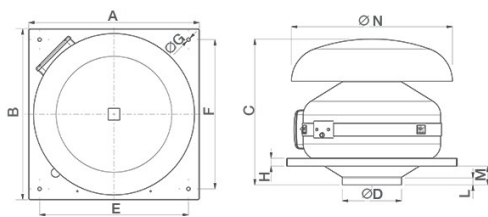
Technical and performance data

Frequency (Hz)	50-60	Max airflow at Min speed at 60 Hz (m³/h)	370
Insulation class	II°	Max pressure at 60 Hz (mmH2O)	32,8
IP	44	Max pressure at Max speed (mmH2O)	42,5
Max absorbed current at maMinx speed at 60 Hz (A)	0,39	Max pressure at Max speed (Pa)	417
Max absorbed current at Max speed (A)	0,42	Max pressure at Max speed at 60Hz (Pa)	322
Max absorbed current at Max speed at 60 Hz (A)	0,51	Max pressure at Mid speed (mmH2O)	38,8
Max absorbed current at Mid speed (A)	0,40	Max pressure at Mid speed (Pa)	381
Max absorbed current at Mid speed at 60 Hz (A)	0,45	Max pressure at Mid speed at 60Hz (mmH2O)	28,7
Max absorbed current at Min speed (A)	0,34	Max pressure at Mid speed at 60Hz (Pa)	282
Max absorbed power at Max speed (W)	69	Max pressure at Min speed at 60Hz (mmH2O)	25,2
Max absorbed power at Max speed at 60 Hz (W)	82	Max pressure at Min speed at 60Hz (Pa)	247
Max absorbed power at Mid speed (W)	53	Max RPM	2225
Max absorbed power at Mid speed at 60 Hz (W)	64	Max speed at 60 Hz (Rpm)	2030
Max absorbed power at Min speed at 60 Hz (W)	45	Mid speed at 60 Hz (Rpm)	1800
Max ambient temperature for continuous operation (°C)	55	Min RPM	1360
Nominal diameter (mm)	200	Min speed at 60 Hz (Rpm)	1425
Power absorbed at 1st speed (W)	35	Potenza sonora at supply side at Min speed LWA [dB (A)]	52,4
Voltage (V)	220-240	Pressure at 1st speed (mmH2O)	28,2
Weight (Kg)	9,6	Pressure at 1st speed (Pa)	277
Airflow at 1st speed (l/s)	97	RPM at Mid speed	1885
Airflow at 1st speed (m³/h)	350	Sound power at extract side at Max speed LWA [dB (A)]	84,2
Breakout sound power at Max speed at 60 Hz LWA [dB (A)]	62,7	Sound power at extract side at Mid speed LWA [dB (A)]	80,3
Breakout sound power at Mid speed at 60 Hz LWA [dB (A)]	59,6	Sound power at extract side at Min speed LWA [dB (A)]	72
Breakout sound power at Min speed at 60 Hz LWA [dB (A)]	53,9	Sound power at supply side at Max speed LWA [dB (A)]	64,5
Breakout sound power LWA at Max speed [dB (A)]	64,5	Sound power at supply side at Mid speed LWA [dB (A)]	60,4
Breakout sound power LWA at Mid speed [dB (A)]	60,4	Sound powerat at extraction side at Max speed at 60 Hz LWA [dB (A)]	82,2
Breakout sound power LWA at Min speed [dB (A)]	52,4	Sound powerat at extraction side at Mid speed at 60 Hz LWA [dB (A)]	79,1
breakout sound pressure at 3m at Max speed at 60 Hz Lp [dB (A)]	42,1	Sound powerat at extraction side at Min speed at 60 Hz LWA [dB (A)]	73,4
Breakout sound pressure at 3m at Max speed Lp [dB (A)]	44	Sound powerat at supply side at Max speed at 60 Hz LWA [dB (A)]	62,7
breakout sound pressure at 3m at Mid speed at 60 Hz Lp [dB (A)]	39,1	Sound powerat at supply side at Mid speed at 60 Hz LWA [dB (A)]	59,6
Breakout sound pressure at 3m at Mid speed Lp [dB (A)]	39,8	Sound powerat at supply side at Min speed at 60 Hz LWA [dB (A)]	53,9
breakout sound pressure at 3m at Min speed at 60 Hz Lp [dB (A)]	33,3	Sound pressure at extract side at 3m at Max speed at 60 HzLp [dB (A)]	64,6
Breakout sound pressure at 3m at Min speed Lp [dB (A)]	31,9	Sound pressure at extract side at 3m at Max speed Lp [dB (A)]	66,7
		Sound pressure at extract side at 3m at Mid speed at 60 HzLp [dB (A)]	39,1

Max airflow at Max speed (l/s)	161
Max airflow at Max speed (m³/h)	580
Max airflow at Max speed at 60 Hz (l/s)	147
Max airflow at Max speed at 60 Hz (m³/h)	530
Max airflow at Mid speed (m³/h)	485
Max airflow at Mid speed at 60 Hz (l/s)	131
Max airflow at Mid speed at 60 Hz (m³/h)	470
Max airflow at Min speed (l/s)	135
Max airflow at Min speed at 60 Hz (l/s)	103

Sound pressure at extract side at 3m at Mid speed Lp [dB (A)]	62,7
Sound pressure at extract side at 3m at Min speed at 60 Hz Lp [dB (A)]	55,9
Sound pressure at extract side at 3m at Min speed Lp [dB (A)]	54,4
Sound pressure at supply side at 3m at Max speed Lp [dB (A)]	44
Sound pressure at supply side at 3m at Mid speed Lp [dB (A)]	39,8
Sound pressure at supply side at 3m at Min speed Lp [dB (A)]	31,9
Sound pressure at supply side at 3m at Max speed at 60 Hz Lp [dB (A)]	42,1
Sound pressure at supply side at 3m at Mid speed at 60 Hz Lp [dB (A)]	61,6
Sound pressure at supply side at 3m at Min speed at 60 Hz Lp [dB (A)]	33,3

Dimensions



Size A (mm)	424
Size B (mm)	424
Size C (mm)	365
Size D (mm)	Ø 197
Size E (mm)	370
Size F (mm)	370
Size G (mm)	Ø 9
Size H (mm)	20
Size L (mm)	20
Size M (mm)	49
Size N (mm)	Ø 400
Size O (mm)	280

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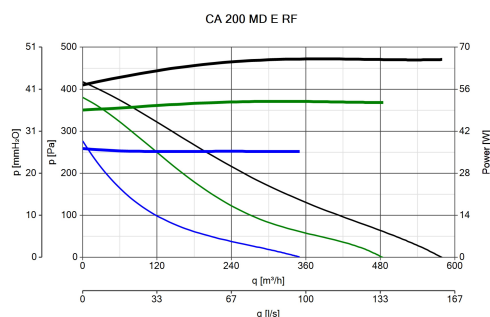
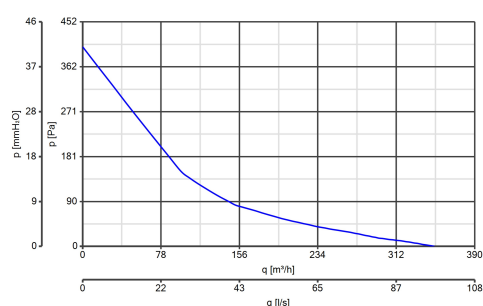
Centrifugal duct fans for roof mounting



Description

- Pickled and phosphated steel housing/roof mounting plate with polyester powder-coated finish, resistant to the aggressive action of atmospheric agents.
- Nominal diameter 200 mm.
- 3 speed fan through TRIO-CA optional control (cod. 12869), consisting of:
 - External rotor 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 fixing brackets.

Curves



Accessories



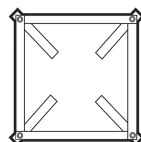
KIT SCB (TRASF.E.C.)

Code 22481



CA-G 200 (GRIGLIA DI PROTEZIONE)

Code 22765



CARF-C 150/160/200 (CONTROTELAIO DI BASE)

Code 22544



C TEMP

Code 12992



C SMOKE

Code 12993



C HCS

Code 12994



C PIR

Code 12998



C TIMER

Code 12999

TRIO D

Code 12866

TRIO-LINEO**503**

Code 12891

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