Technical Data Sheet

CODE 16150

CA 100 MD

In-line centrifugal fans in metal

Certifications

IMQ

CE

IMQ Performance

EAC

TECHNICAL AND PERFORMANCE DATA

Frequency (Hz)	50-60
Insulation class	II°
IP	44
Max absorbed current at maMinx speed at 60 Hz (A)	0,17
Max absorbed current at Max speed (A)	0,22
Max absorbed current at Max speed at 60 Hz (A)	0,26
Max absorbed current at Mid speed (A)	0,20
Max absorbed current at Mid speed at 60 Hz (A)	0,25
Max absorbed current at Min speed (A)	0,15
Max absorbed power at Max speed (W)	43
Max absorbed power at Max speed at 60 Hz (W)	45
Max absorbed power at Mid speed (W)	30
Max absorbed power at Mid speed at 60 Hz (W)	35
Max absorbed power at Min speed at 60 Hz (W)	17
Max ambient temperature for continuous operation (°C)	50
Nominal diameter (mm)	100
Power absorbed at 1st speed (W)	13
Voltage (V)	220-240
Weight (Kg)	2,97
Airflow at 1st speed (l/s)	28
Airflow at 1st speed (m³/h)	100
Breakout sound power at Max speed at 60 Hz LWA [dB (A)]	53,2
Breakout sound power at Mid speed at 60 Hz LWA [dB (A)]	48,1
Breakout sound power at Min speed at 60 Hz LWA [dB (A)]	40,2
Breakout sound power LWA at Max speed [dB (A)]	56,4
Breakout sound power LWA at Mid speed [dB (A)]	49,2
Breakout sound power LWA at Min speed [dB (A)]	38,6
breakout sound pressure at 3m at Max speed at 60 Hz Lp [dB (A)]	32,7
Breakout sound pressure at 3m at Max speed Lp [dB (A)]	35,9
breakout sound pressure at 3m at Mid speed at 60 Hz Lp [dB (A)]	27,6

Max airflow at Min speed at 60 Hz (m³/h)	115
Max pressure at 60 Hz (mmH2O)	40,6
Max pressure at Max speed (mmH20)	35,3
Max pressure at Max speed (Pa)	346
Max pressure at Max speed at 60Hz (Pa)	398
Max pressure at Mid speed (mmH2O)	35,1
Max pressure at Mid speed (Pa)	344
Max pressure at Mid speed at 60Hz (mmH2O)	36,2
Max pressure at Mid speed at 60Hz (Pa)	355
Max pressure at Min speed at 60Hz (mmH2O)	13,6
Max pressure at Min speed at 60Hz (Pa)	133
Max RPM	2135
Max speed at 60 Hz (Rpm)	2000
Mid speed at 60 Hz (Rpm)	1720
Min RPM	880
Min speed at 60 Hz (Rpm)	995
Potenza sonora at supply side at Min speed LWA [dB (A)]	57,3
Pressure at 1st speed (mmH20)	12,2
Pressure at 1st speed (Pa)	120
RPM at Mid speed	1800
Sound power at extract side at Max speed LWA [dB (A)]	84,5
Sound power at extract side at Mid speed LWA [dB (A)]	76,9
Sound power at extract side at Min speed LWA [dB (A)]	60,4
Sound power at supply side at Max speed LWA [dB (A)]	81,4
Sound power at supply side at Mid speed LWA [dB (A)]	73,7
Sound powerat at extraction side at Max speed at 60 Hz LWA [dB (A)]	80,4
Sound powerat at extraction side at Mid speed at 60 Hz LWA [dB (A)]	75,6
Sound powerat at extraction side at Min speed at 60 Hz LWA [dB (A)]	62,3
Sound powerat at supply side at Max speed at 60 Hz LWA [dB (A)]	77,6
Sound powerat at supply side at Mid speed at 60 Hz LWA [dB (A)]	72,5
Sound powerat at supply side at Min speed at 60 Hz LWA [dB (A)]	60
t	62,8
t	67

PER INFORMAZIONI:
Servizio al Cliente: tel +39 02 90699395 premendo 1 dopo messaggio registrato (consulenza su prodotti e impianti)
Pre & Post Vendita: fax +39 02 90699302
Email prevendita: prevendita@vortice-italy.com

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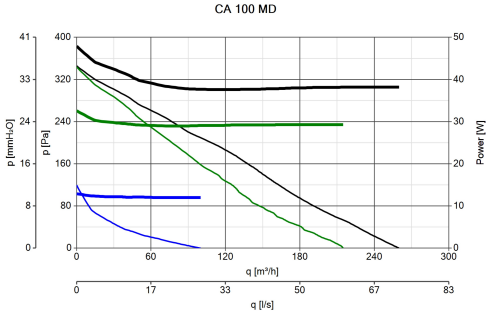
In-line centrifugal fans in metal

DESCRIPTION

• Pickled and phosphated steel housing with polyester powder-coated finish, resistant to the aggressive action of atmospheric agents.
• Nominal diameter 100 mm.
• 3 speed fan consisting of:
• AC motor with thermal overload cutout and shaft turning in ball bearings,
• backward curved centrifugal impeller.
• Operation controllable by remote sensors monitoring: Temperature, Relative Humidity, Smoke and Presence.
• Zinc-coated steel brackets for wall mounting.

CURVES



ACCESSORIES

CA-MU (STAFFE DI SOSTEGNO)
Code 22674

KIT SCB (TRASF.E.C.)
Code 22481

CA-G 100 (GRIGLIA DI PROTEZIONE)
Code 22750

C TEMP
Code 12992

C SMOKE
Code 12993

C HCS
Code 12994

C PIR
Code 12998

C TIMER

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Code 12999

Code 12866

503

Code 12891