Technical Data Sheet

CODE 16163

CA 150 MD E

In-line centrifugal fans in metal

Certifications

IMQ

CE

IMQ Performance

EAC

G-Mark

TECHNICAL AND PERFORMANCE DATA

Frequency (Hz)	50-60
Insulation class	II°
IP	44
Max absorbed current at maMinx speed at 60 Hz (A)	0,38
Max absorbed current at Max speed (A)	0,40
Max absorbed current at Max speed at 60 Hz (A)	0,50
Max absorbed current at Mid speed (A)	0,38
Max absorbed current at Mid speed at 60 Hz (A)	0,45
Max absorbed current at Min speed (A)	0,33
Max absorbed power at Max speed (W)	68
Max absorbed power at Max speed at 60 Hz (W)	80
Max absorbed power at Mid speed (W)	50
Max absorbed power at Mid speed at 60 Hz (W)	62
Max absorbed power at Min speed at 60 Hz (W)	0,38
Max ambient temperature for continuous operation (°C)	50
Nominal diameter (mm)	150
Power absorbed at 1st speed (W)	0,33
Voltage (V)	220-240
Weight (Kg)	4,9
Airflow at 1st speed (l/s)	88
Airflow at 1st speed (m³/h)	315
Breakout sound power at Max speed at 60 Hz LWA [dB (A)]	58,6
Breakout sound power at Mid speed at 60 Hz LWA [dB (A)]	54
Breakout sound power at Min speed at 60 Hz LWA [dB (A)]	48,2
Breakout sound power LWA at Max speed [dB (A)]	60,5
Breakout sound power LWA at Mid speed [dB (A)]	55,2
Breakout sound power LWA at Min speed [dB (A)]	46,7
breakout sound pressure at 3m at Max speed at 60 Hz Lp [dB (A)]	38
Breakout sound pressure at 3m at Max speed Lp [dB (A)]	39,9

Max airflow at Min speed at 60 Hz (m³/h)	315
Max pressure at 60 Hz (mmH2O)	29,9
Max pressure at Max speed (mmH20)	40,7
Max pressure at Max speed (Pa)	399
Max pressure at Max speed at 60Hz (Pa)	293
Max pressure at Mid speed (mmH2O)	33,9
Max pressure at Mid speed (Pa)	333
Max pressure at Mid speed at 60Hz (mmH2O)	26,5
Max pressure at Mid speed at 60Hz (Pa)	260
Max pressure at Min speed at 60Hz (mmH2O)	23,8
Max pressure at Min speed at 60Hz (Pa)	233
Max RPM	2350
Max speed at 60 Hz (Rpm)	2085
Mid speed at 60 Hz (Rpm)	1965
Min RPM	1480
Min speed at 60 Hz (Rpm)	1530
Potenza sonora at supply side at Min speed LWA [dB (A)]	73,3
Pressure at 1st speed (mmH20)	25,6
Pressure at 1st speed (Pa)	251
RPM at Mid speed	2050
Sound power at extract side at Max speed LWA [dB (A)]	89,1
Sound power at extract side at Mid speed LWA [dB (A)]	84,2
Sound power at extract side at Min speed LWA [dB (A)]	76,2
Sound power at supply side at Max speed LWA [dB (A)]	86,3
Sound power at supply side at Mid speed LWA [dB (A)]	81,5
Sound powerat at extraction side at Max speed at 60 Hz LWA [dB (A)]	87,1
Sound powerat at extraction side at Mid speed at 60 Hz LWA [dB (A)]	83,1
Sound powerat at extraction side at Min speed at 60 Hz LWA [dB (A)]	76,6
Sound powerat at supply side at Max speed at 60 Hz LWA [dB (A)]	84,4
Sound powerat at supply side at Mid speed at 60 Hz LWA [dB (A)]	80
	74,6
t	69,6

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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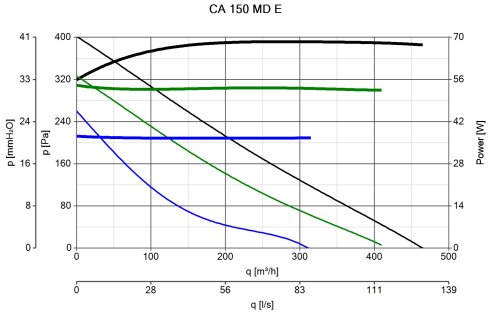
In-line centrifugal fans in metal

DESCRIPTION

• Pickled and phosphated steel housing with polyester powder-coated finish, resistant to the aggressive action of atmospheric agents.
• Nominal diameter 150 mm.
• 3 speed fan consisting of:
• External rotor 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 150 (GRIGLIA DI PROTEZIONE)
Code 22760

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