

# Technical Data Sheet

CODE 40319

E 506 T ATEX II 2G/D H  
T3/125°C X GB/DB



Direct Drivan cabinet fans for installation  
in potentially explosive areas



## Certifications

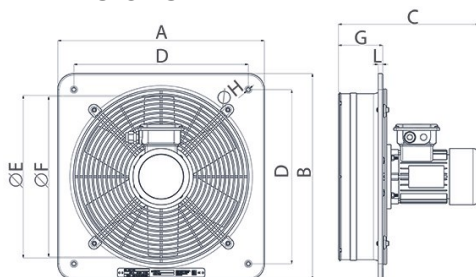
CE ATEX-CE

EAC

## TECHNICAL AND PERFORMANCE DATA

Absorbed Current max (A)	0,47	Number of speeds	1
Absorbed Power max (W)	166	Voltage (V)	400
Frequency (Hz)	50	Weight (Kg)	14,5
Insulation Class	I°	Delivery max (l/s)	1061,9
IP	65	Delivery max (m³/h)	3823
Max ambient temperature for continuous operation (°C)	+ 40	Pressure max (mmH2O)	10,1
Min ambient temperature for continuous operation (°C)	- 20	Pressure max (Pa)	99,2
Number of Phases (Ph)	3	RPM	1000
Number of Poles	6	Sound Pressure level Lp [dB (A)] 3m	64

## DIMENSIONS



Diametro Ø (mm)	500
Size A (mm)	630
Size B (mm)	630
Size C (mm)	361
Size D (mm)	530
Size E (mm)	510
Size F (mm)	498
Size G (mm)	112
Size H (mm)	12
Size L (mm)	15
Size M (mm)	528
Size N (mm)	518

### 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](mailto:prevendita@vortice-italy.com)

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## DESCRIPTION

- Nominal diameter 500 mm
- Frame with port and grille made of pressed steel, pickled and phosphated, and treated initially with epoxy base coat; thereafter, grey textured finish obtained by applying a coat of polyurethane powder paint strengthened by oven baking.
- 1 speed asynchronous three-phase AC motor with shaft turning in double shielded ball bearings, size to UNEL MEC standard, flange B35, manufactured employing methods and materials suitable for use in environments with potentially explosive atmospheres, according to Explosion Protection standards EN ISO 80079-36:2016; EN 14986:2017.
- Maximum air flow 3,823 m<sup>3</sup>/h
- Impeller with aluminium hub and blades of antistatic nylon filled with glass fibre.
- Aluminium cooling fan.
- Pressed steel motor cover.
- Metal cable glands for electrical connection.
- IMQ-certified for use in areas at risk of explosion due to presence of gas and dust:
- IMQ 10 ATEX 029 X; GR II cat. 2G/D h T3/125 X

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