

# Technical Data Sheet

CODE 40316

## E 504 T ATEX II 2G/D H T3/125°C X GB/DB

Axial plate-mounted fans for installation in potentially explosive areas



## Certifications

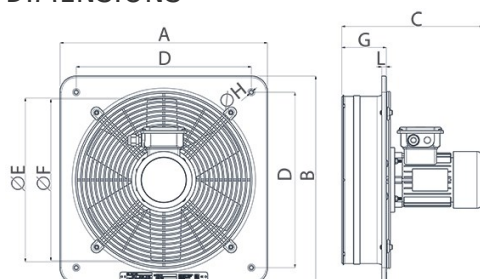
CE ATEX-CE

EAC EAC

## TECHNICAL AND PERFORMANCE DATA

|                                                       |      |                                     |        |
|-------------------------------------------------------|------|-------------------------------------|--------|
| Absorbed Current max (A)                              | 0,64 | Number of Poles                     | 4      |
| Absorbed Power max (W)                                | 293  | Number of speeds                    | 1      |
| Frequency (Hz)                                        | 50   | Voltage (V)                         | 400    |
| Insulation Class                                      | I°   | Weight (Kg)                         | 15,5   |
| IP                                                    | 65   | Delivery max (l/s)                  | 1361,1 |
| Max ambient temperature for continuous operation (°C) | + 40 | Delivery max (m³/h)                 | 4900   |
| Min ambient temperature for continuous operation (°C) | - 20 | Pressure max (mmH2O)                | 17,7   |
| Nominal Diameter (mm)                                 | 500  | Pressure max (Pa)                   | 173,8  |
| Number of Phases (Ph)                                 | 3    | RPM                                 | 1400   |
|                                                       |      | Sound Pressure level Lp [dB (A)] 3m | 72,7   |

## DIMENSIONS



|                 |     |
|-----------------|-----|
| Diametro Ø (mm) | 500 |
| Size A (mm)     | 630 |
| Size B (mm)     | 630 |
| Size C (mm)     | 325 |
| 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

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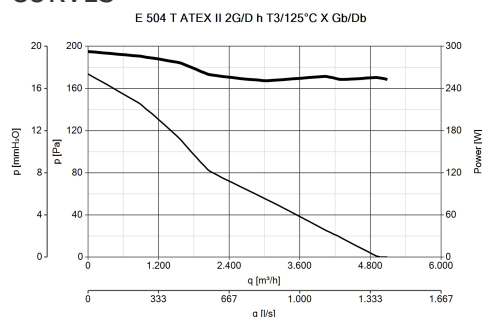


Axial plate-mounted fans for installation in potentially explosive areas

### 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 4,900 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

### CURVES



### ACCESSORIES



#### GV2 ME05

Code 21114

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