

Technical Data Sheet

CODE 40315

E 454 T ATEX II 2G/D H T3/125°C X GB/DB



Axial plate-mounted fans for installation in potentially explosive areas



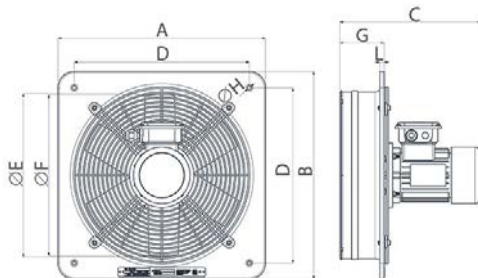
Certifications

CE  ATEX-CE

TECHNICAL AND PERFORMANCE DATA

| | | | |
|---|------|-----------------------------------|--------|
| Frequency (Hz) | 50 | Number of poles | 4 |
| Insulation class | I° | Number of speeds | 1 |
| IP | 65 | Voltage (V) | 400 |
| Max absorbed current (A) | 0,70 | Weight (Kg) | 14,5 |
| Max absorbed power (W) | 345 | Max airflow (l/s) | 1234,2 |
| Max ambient temperature for continuous operation (°C) | + 40 | Max airflow (m³/h) | 4443 |
| Min continuous operation room temperature (°C) | - 20 | Max pressure (mmH2O) | 18,2 |
| Nominal diameter (mm) | 450 | Max pressure (Pa) | 178,3 |
| Number of phases (Ph) | 3 | RPM | 1400 |
| | | Sound pressure Lp [dB (A)] at 3 m | 69,8 |

DIMENSIONS



| | |
|-------------|-----|
| ∅ (mm) | 450 |
| Size A (mm) | 630 |
| Size B (mm) | 630 |
| Size C (mm) | 325 |
| Size D (mm) | 530 |
| Size E (mm) | 460 |
| Size F (mm) | 448 |
| Size G (mm) | 112 |
| Size H (mm) | 12 |
| Size L (mm) | 15 |
| Size M (mm) | 478 |
| Size N (mm) | 468 |

PER INFORMAZIONI / FOR INFORMATION

ITALY

Pre Sales:

prevendita@vortice-italy.com

After Sales:

postvendita@vortice-italy.com

UNITED KINGDOM & REP. OF

IRELAND

Sales Dept:

sales@vortice.ltd.uk

Technical Dept:

technical@vortice.ltd.uk

OTHER COUNTRIES

Sales Dept:

export@vortice-italy.com

After Sales:

after-sales@vortice-italy.com

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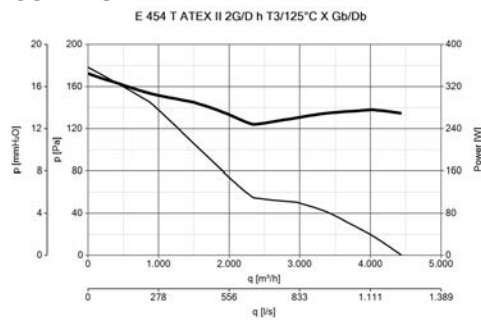


Axial plate-mounted fans for installation in potentially explosive areas

DESCRIPTION

- Nominal diameter 450 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 4,443 m³/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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ITALY

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prevendita@vortice-italy.com
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postvendita@vortice-italy.com

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