

# Technical Data Sheet

CODE 15073

## TORRETTA TRT 100 E 4P

Centrifugal roof fans with horizontal discharge



### Certifications

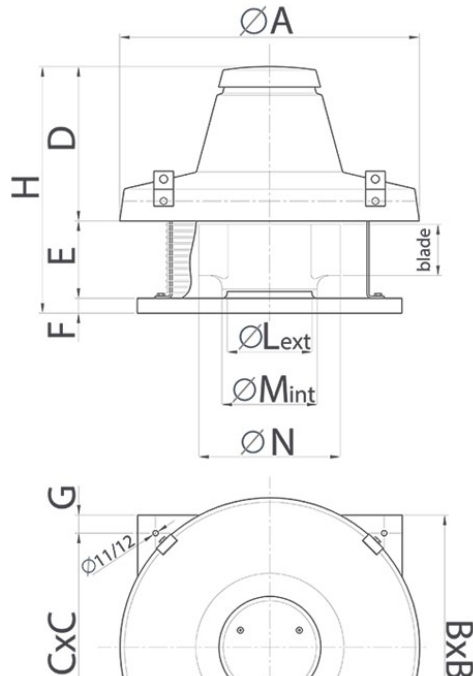
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### TECHNICAL AND PERFORMANCE DATA

|   |      |                                   |             |
|---|------|-----------------------------------|-------------|
| Frequency (Hz)  | 50   | Voltage (V)                       | 400         |
| Insulation class                                      | 1°   | Weight (Kg)                       | 81          |
| Max absorbed current (A)                              | 3,25 | Max airflow (l/s)                 | 2778        |
| Max absorbed power (W)                                | 1900 | Max airflow (m <sup>3</sup> /h)   | 10000       |
| Max ambient temperature for continuous operation (°C) | 70   | Max pressure (mmH2O)              | 84,5        |
| Motor ATEX marking                                    | 55   | Max pressure (Pa)                 | 830         |
| Nominal diameter (mm)                                 | 400  | Max static pressure               | 84,5 Pa 830 |
| Number of phases (Ph)                                 | 3    | RPM                               | 1420        |
| Number of poles                                       | 4    | Sound pressure Lp [dB (A)] at 3 m | 84          |

### DIMENSIONS



|             |       |
|-------------|-------|
| Size A (mm) | 1015  |
| Size B (mm) | 830   |
| Size C (mm) | 750   |
| Size D (mm) | 449   |
| Size E (mm) | 283   |
| Size F (mm) | 38    |
| Size G (mm) | 40    |
| Size H (mm) | 770   |
| Size L (mm) | ∅     |
|             | 365   |
| Size M (mm) | ∅ 375 |
| Size N (mm) | ∅     |
|             | 564   |

PER INFORMAZIONI / FOR INFORMATION

#### ITALY

Pre Sales:  
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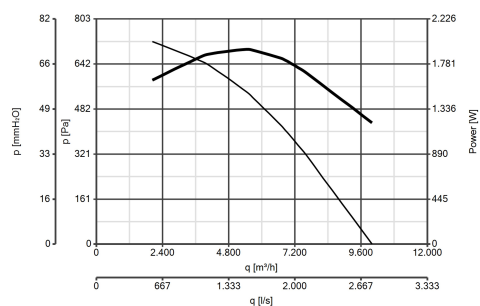
Centrifugal roof fans with horizontal discharge



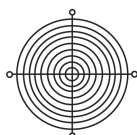
### DESCRIPTION

- Base manufactured from phosphated pressed steel, epoxy powder coated with hammered effect finish, guaranteeing long-term resistance to atmospheric agents.
- Aerodynamically contoured inlet port for optimum performance, fashioned as a single unit with the base and gauged to optimize air flow.
- Pressed steel motor cover: pickled and phosphated surface, polyester powder coated and oven baked finish, colour grey, with hammered texture.
- Accident prevention and anti-bird grilles (to UNI ISO 13857 standard), consisting of electrically welded steel rings with epoxy powder coated finish, colour black.
- Centrifugal impeller with self-cleaning backward curved steel blades, hot-dip galvanized and dynamically balanced (UNI ISO 1940, Point 1 – Class 6.3), and splined aluminium hub.
- 1 speed three phase AC motor, insulation class H, with shaft turning in double shielded ball bearings.
- Maximum airflow: 1000 m<sup>3</sup>/h
- Motor and fan designed for operation in ambient temperatures higher than 65 °C.
- Cooling fan for better dissipation of heat
- Galvanized steel eye lugs for transport and lifting/handling operations.
- Cable guaranteeing continuity of earth connection.
- Steel safety wire for anchoring the appliance once installed.
- Vortice speed controller.

### CURVES



### ACCESSORIES



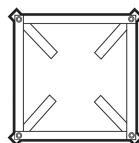
**TR-G 70/100  
(GRIGLIA DI  
PROTEZIONE)**

Code 22506



**TR-B 70/100  
(BOCCAGLIO  
ASPIRAZIONE)**

Code 22508



**TR-CU 70/100  
(CONTROTELAIO  
DI BASE U)**

Code 22539



**IRET INVERTER  
5 M**

Code 12817

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