

Technical Data Sheet

CODE 15081

TORRETTA TRT 70 ED 4P

Centrifugal roof fans with horizontal discharge for hot fumes extraction



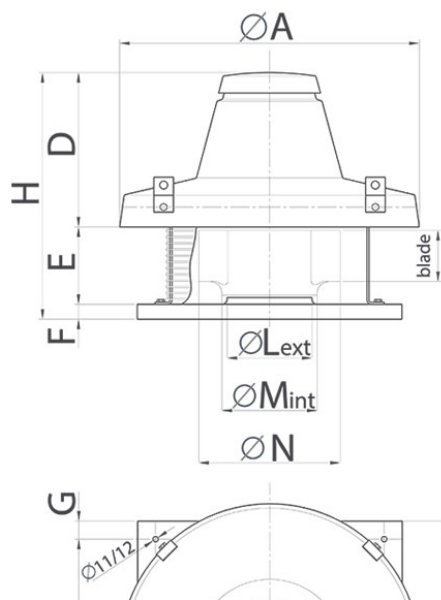
Certifications



TECHNICAL AND PERFORMANCE DATA

Frequency (Hz)	50	Weight (Kg)	78
Insulation class	1°	Airflow at 1st speed (l/s)	1472
Max absorbed current at Max speed (A)	2,00	Airflow at 1st speed (m³/h)	5300
Max absorbed current at Min speed (A)	1,50	Max airflow at Max speed (l/s)	1667
Max absorbed power at Max speed (W)	1090	Max airflow at Max speed (m³/h)	6000
Max ambient temperature for continuous operation (°C)	85	Max pressure at Max speed (mmH2O)	67
Motor ATEX marking	55	Max pressure at Max speed (Pa)	657
Nominal diameter (mm)	350	Max RPM	1400
Number of phases (Ph)	3	Min RPM	1150
Number of poles	4	Pressure at 1st speed (mmH2O)	52
Power absorbed at 1st speed (W)	820	Pressure at 1st speed (Pa)	510
Voltage (V)	380-415	Sound pressure Lp [dB (A)] at 3 m	77

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)	328
Size M (mm)	335
Size N (mm)	504

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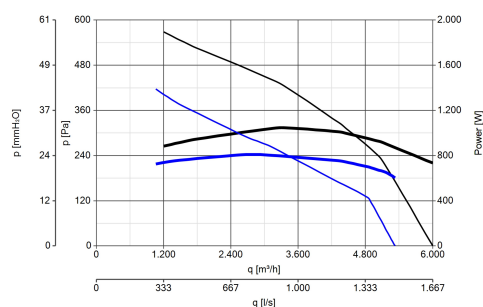
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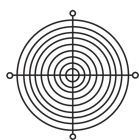
DESCRIPTION

- Centrifugal roof fan suitable for extracting hot fumes at up to 400 °C for 120 minutes.
- 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.
- Motor mounting plate made of steel with galvanization surface treatment.
- 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 blades, dynamically balanced (UNI ISO 1940, Point 1 – Class 6.3), made of electrolytically galvanized pressed steel.
- Dahlander 2 speed three-phase AC motor with shaft turning in ball bearings, size to UNEL MEC standard, flange B5, self-ventilating. Motor insulation class H, with metal cooling fan and cable gland.
- Minimum air flow 5300 m³/h
Maximum air flow: 6000 m³/h.
- Equipped with a motor start capacitor that must be installed remotely from the fan so that it cannot be damaged through direct exposure to 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.

CURVES

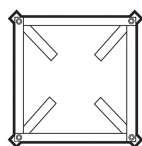


ACCESSORIES



TR-G 70/100 (GRIGLIA DI PROTEZIONE)

Code 22506



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

Code 22539



TR-CVT (COMMUTATORE VELOCITA' TRIF.)

Code 22910



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CODE 12010

CODE 21110



GV2 ME07

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