

Technical Data Sheet

CODE 15919

TORRETTA TRT 180 ED 6P

Centrifugal roof fans with horizontal discharge for hot fumes extraction



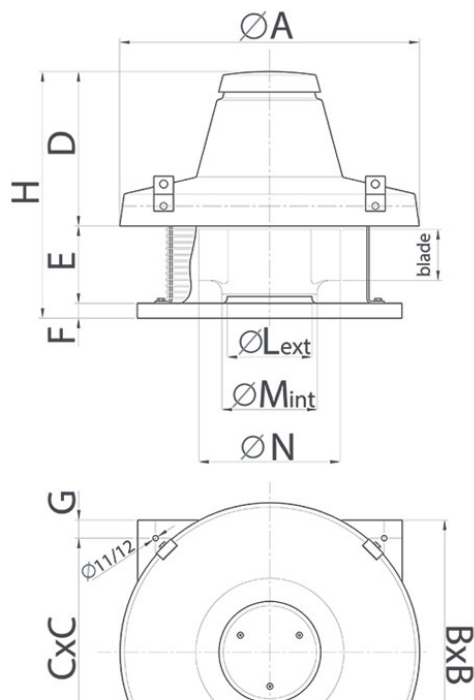
Certifications



TECHNICAL AND PERFORMANCE DATA

Frequency (Hz)	50	Number of poles	6
Insulation class	I°	Voltage (V)	380-415
Max absorbed current (A)	6,11	Weight (Kg)	220
Max absorbed power (W)	3200	Max airflow (l/s)	4583
Max ambient temperature for continuous operation (°C)	90	Max airflow (m³/h)	16500
Motor ATEX marking	55	Max pressure (mmH2O)	79
Nominal diameter (mm)	560	Max pressure (Pa)	775
Number of phases (Ph)	3	RPM	950
		Sound pressure Lp [dB (A)] at 3 m	83

DIMENSIONS



Size A (mm)	1165
Size B (mm)	980
Size C (mm)	900
Size D (mm)	605
Size E (mm)	383
Size F (mm)	38
Size G (mm)	40
Size H (mm)	1026
Size L (mm)	520
Size M (mm)	529
Size N (mm)	805

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

Technical Data Sheet

CODE 15919

TORRETTA TRT 180 ED 6P

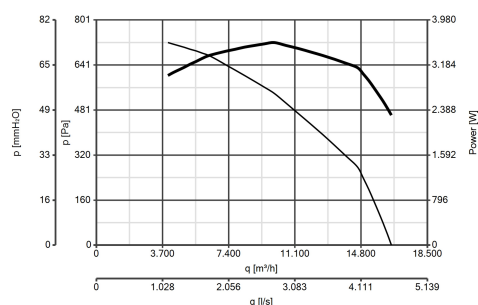
Centrifugal roof fans with horizontal discharge for hot fumes extraction



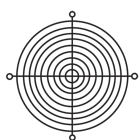
DESCRIPTION

- 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.
- 1 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.
- Maximum air flow: 16500 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.

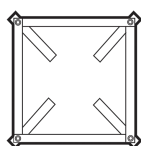
CURVES



ACCESSORIES



TR-G
100/150/180/210
6-8P(GRIGLI
APROT.)
Code 22507



TR-CU
100/150/180/210
6-
8P(CONTROT.BASE)TRIF.)
Code 22540



TR-CVT
(COMMUTATORE
VELOCITA'
)
Code 22910



IRET INVERTER
8 M
Code 12821

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