

## Technical Data Sheet

### BT 315 VORT

In-line centrifugal fans in metal



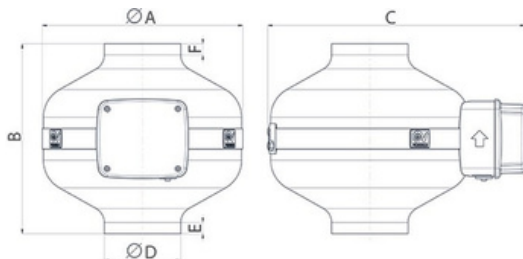
### Certifications



## TECHNICAL AND PERFORMANCE DATA

Absorbed power 1st speed (W)	58	Delivery 1st speed (l/s)	172
Frequency (Hz)	50/60	Delivery 1st speed (m <sup>3</sup> /h)	620
Insulation Class	II°	Max delivery at max speed (l/s)	300
IP	44	Max delivery at max speed (m <sup>3</sup> /h)	1080
Max absorbed Power at 60Hz (W)	175	Pressure - 1st speed (mmH2O)	43
Max ambient temperature for continuous operation (°C)	50	Pressure - 1st speed (Pa)	422
Max. absorbed Current at max. speed (A)	0,53	Pressure max - max speed (mmH2O)	58
Max. absorbed Current at min. speed (A)	0,51	Pressure max - max speed (Pa)	569
Max. absorbed power at max speed (W)	120	RPM max	2660
Nominal Diameter (mm)	315	RPM min	1560
Voltage (V)	220-240	Sound pressure level Lp [dB (A)] 3m - max speed	52,3
Weight (Kg)	11	Sound pressure level Lp [dB (A)] 3m - min speed	41,8

## DIMENSIONS



Size A (mm)	406
Size B (mm)	306
Size C (mm)	488
Size D (mm)	312
Size E (mm)	21
Size F (mm)	30

## DESCRIPTION

- Pickled and phosphated steel housing with polyester powder-coated finish, resistant to the aggressive action of atmospheric agents.
- Nominal diameter 315 mm.
- 3 speed fan through TRIO-CA optional control (cod. 12869), consisting of:
- External rotor AC motor with thermal overload cutout and shaft

- turning in ball bearings,
- backward curved centrifugal impeller.
- Operation controllable by remote sensors monitoring: Temperature, Relative Humidity, Smoke and Presence.
- Zinc-coated steel brackets for wall mounting.

## CURVES

