

## Cylindrical cased axial flow fans TTT-N Series

### TTT-N

Range of cylindrical cased axial flow fans with motor located externally to the fan casing and incorporating a belt driven impeller making this range suitable for continuous operation up to 120°C. The casings are manufactured from high grade rolled sheet steel protected against corrosion by cataforesis primer and black polyester paint finish. The drive system consists of an industrial poly V-belt drive pulley system which is enclosed within metal protective guard. All models incorporate diecast aluminium impellers available with 2 or 3 fixed blade angles. The impellers are finished in black colour polyester paint coating.

**Motors All the motors are IP55 class F, fitted with ball bearings greased for life.** Electrical supplies: Three phase 230/400V-50Hz or 400V-50Hz (See **characteristics chart**). **Additional Information** **Standard air direction:** form (A) configuration (Motor over Impeller). NI versions incorporate safety switch, **stop/start.** **On request** NI versions: fitted with **ON/OFF** isolation switch. Single phase 230V-50Hz motors (up to 1.5 kW).



### ATEX

ATEX versions On request, explosion proof versions in accordance with ATEX Directive, for 3 phase models. For ambient working temperatures from -20°C to +40°C. Air direction motor-impeller (A flow)- ATEX Flameproof - Gas: In standard ATEX version flameproof motors are without thermal protection. If used with frequency inverter, flameproof motors with a PTC-type thermal protection must be specified at order. II 2G Ex d IIB T4 II 2G Ex d IIB+H2 T4 (with Ex d IIC T4 motor)- ATEX Increased safety - Gas: II 2G Ex e II T3- ATEX - Dust: In standard ATEX version, ATEX motors for dust are without thermal protection. If used with frequency inverter, ATEX motors for dust with a PTC-type thermal protection must be specified at order.

### Attributes



#### Easy to maintain

Swing-out fan casing assembly provides an easy access for cleaning or maintenance.



#### Dynamically balanced impeller

Impellers are dynamically balanced, according to ISO 1940, providing vibration free operation and coated with a special low friction paint repelling the dirtiness.



#### **ON/OFF isolation switch**

NI versions incorporate safety switch, stop / start.