

## HTM-56-4T



### Tubular mobile axial fans

Mobile fans in which the airflow can be varied.

#### Fan:

- Tubular sheet steel casing.
- Fibreglass-reinforced polyamide-6 impeller.
- Anti-contact protective grille pursuant to standard UNE-EN ISO 12499 on both sides.
- Manually resettable junction box with on - off switch to prevent accidental start-up (EN ISO 12100).
- Airflow direction from motor to impeller.
- Fan switch fitted with a built-in CETAC P17 plug for: - Three-phase 3P + T 16A motors - Single-phase 2P + T 16A motors

#### Motor:

- IE3 efficiency motors for powers equal to or higher than 0.75kW except single-phase. 2-speed and 8-pole.
- Class F motors with ball bearings. IP55 protection. except single-phase models from size 35 to size 56. IP54 protection.
- Single-phase 230V-50Hz and three-phase 230/400V-50Hz.
- Operating temperature: -25°C+ 50°C.

#### Finish:

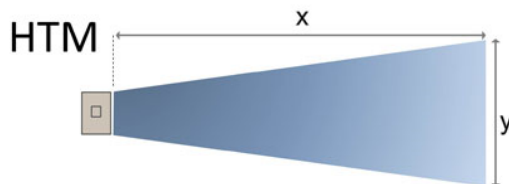
- Anti-corrosive finish of polyester resin polymerised at 190°C. previously degreased with phosphate-free nanotechnological treatment.

#### On request:

- Airflow direction from impeller to motor.
- 100% reversible impellers.
- Special windings for different voltages.
- ATEX-certified Category 2.



## CHARACTERISTIC DART AND ACOUSTICS AT 20°C 0MASL 1.20KG/M<sup>3</sup>



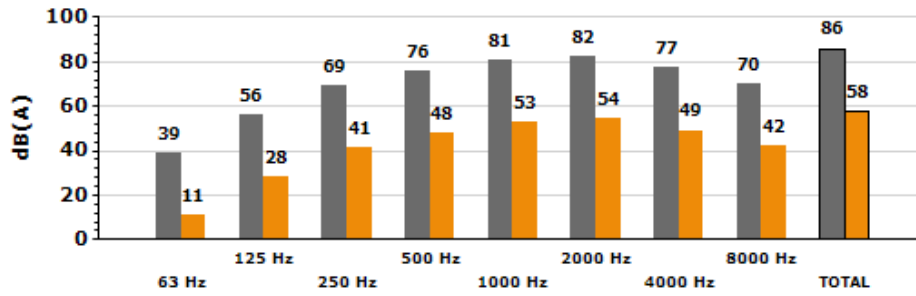
### Design Point (at Rpm max.)

Jet length x (m)	27.78
Jet width y (m)	11.81

### Service Point (SP)

Speed (rpm)	1380
Flowrate (m <sup>3</sup> /h)	11000
Thrust (N)	44
Outlet air speed (m/s)	12.40
Air speed (m/s)	1.00

Acoustics: 10 (m), 1 reflecting plane



Band	Lw dB(A)	Lp dB(A)
63 Hz	39	11
125 Hz	56	28
250 Hz	69	41
500 Hz	76	48
1000 Hz	81	53
2000 Hz	82	54
4000 Hz	77	49
8000 Hz	70	42
TOTAL	86	58

## TECHNICAL CHARACTERISTICS

Airflow maximum (m <sup>3</sup> /h)	11000
Speed (rpm)	1380
Approx. weight (kg)	27

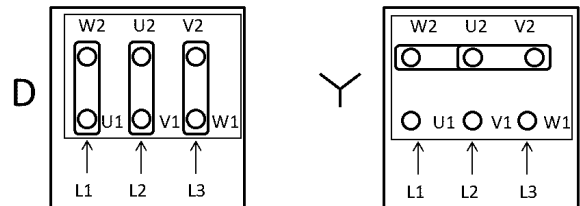
## ERP

Efficiency	33.2%
Efficiency grade N	40.6
Measurement category	A
Efficiency category	Static
Specific ratio	1.00
Flowrate (m <sup>3</sup> /h)	6808

Pressure (Pa)	116
Input power (kW)	0.660
Speed (rpm)	1405
Variable speed drive	VSD not necessary
ErP compliance	2015

## MOTOR DATA

Rated Mechanical Power (kW)	0.55
Hz/phases	50/3
Motor (rpm)	1380
Poles	4P
Max. current (A) 380-415 V Y	1.69
Max. current (A) 220-240 V D	2.92
Motor protection	IP55
Motor frame size	80



Data can change, please check motor plate

## AVAILABLE ACCESSORIES



It must be checked that the accessory is suitable for the fan model

## DIMENSIONS

A	B	C	D	E	F
400	945	594	522	560	726

Dimensions without explicitly defined units are shown in millimeters (mm). Dimensions depending on the motor are approximate

