

## HC 56 T4 (A2:6)

### GENERAL DATA



#### SHORT CASE VARIABLE PITCH BLADES FAN

#### MANUFACTURING FEATURES:

- Plate axial fan with circular reinforced frame.
- Motor-impeller modular assembly for complete versatility.
- Polyester powder finishing coat.
- Standard asynchronous squirrel-cage motor with IP-55 protection and Class F insulation. Manufactured with standard voltages: 230V 50Hz in single phase motors and 230/400V 50Hz in three phase motors up to 4kW and 400/690V 50Hz for higher powers.
- HC: Polypropylene impeller (A2 profile) or polyamide impeller reinforced with fibreglass (other profiles) with variable pitch angle.
- HCA: Cast aluminum impeller with variable pitch angle.

#### APPLICATIONS:

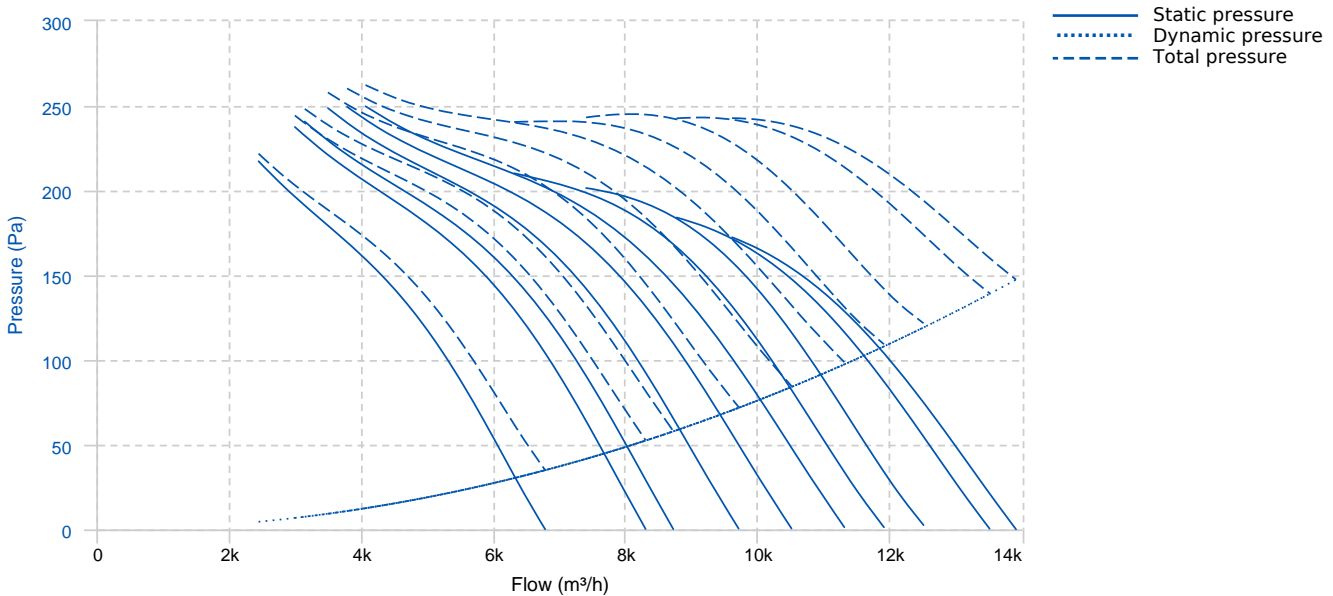
Designed for wall or duct installation, they are suitable for:

- Air renewal in buildings and industries.
- Smoke exhaust (maximum 50-60°C).
- Maximum working temperature: 50°C single phase, 60°C three phase.

#### UNDER REQUEST:

- Supply impeller (air direction from impeller to motor), 100% reversible impeller.
- 60Hz fans and special voltages.
- Hot-dipped galvanized or stainless steel housing.
- Optional can be adapted an square plate to the frame, to transform it in an axial square frame version fan.

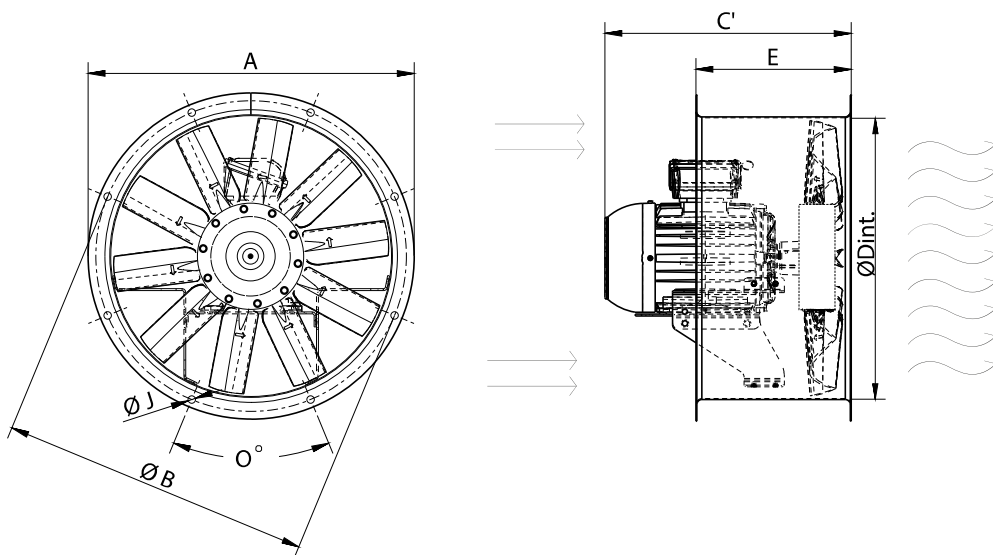
### PERFORMANCE CURVE



### TECHNICAL DATA

Fan					
RPM	-	Approx. weight	-	Max. Flow	13910 m³/h

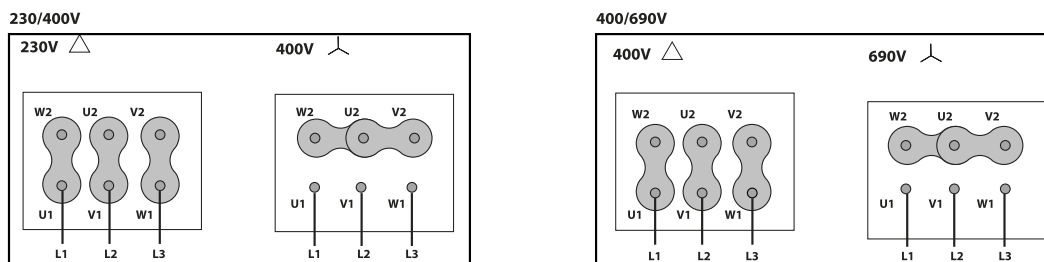
## DIMENSIONS



### Dimensions (mm)

C' (Mot.T.71)	348	C' (Mot.T.80)	362	C' (Mot.T.90L)	397	C' (Mot.T.90S)	372	C' (Mot.T.100L)	433
E	250	Ø	12X30°	ØA	646	ØB	620	ØD	559
ØJ	12								

## WIRING DIAGRAM



## ACCESSORIES



**PROTECTION GUARD FOR LONG CASE AXIAL FANS**  
**RP 56**  
**REF: 960330100**



**CASE FANS MOUNTING SUPPORT**  
**PO 56**  
**REF: 960001657**



**CONNECTION FLANGE  
AC 560**  
REF: 960003215



**ANTI-VIBRATION JOINT  
JE 45**  
REF: 300719201



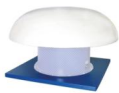
**CIRCULAR SILENCER  
SIL-C 560/840**  
REF: 960056084



**CIRCULAR SILENCER  
SIL-CN 560/560**  
REF: 961056056



**CIRCULAR SILENCER  
SIL-CN 560/1120**  
REF: 961056112



**ROOF KIT FOR CASE FANS  
KIT TE 56**  
REF: KTE56



**FREQUENCY SPEED CONTROLLER  
SFC (GENERIC)**



**ANTI-VIBRATION RUBBER BLOCK  
AVR (GENERIC)**



**INLET PROTECTION GUARD FOR AXIAL FANS  
RP1 (GENERIC)**



**ANTI-VIBRATING FLANGE 400º/2H  
BA-400 56**  
REF: 960002056



**CIRCULAR SILENCER  
SIL-C 560/560**  
REF: 960056056



**CIRCULAR SILENCER  
SIL-C 560/1120**  
REF: 960056112



**CIRCULAR SILENCER  
SIL-CN 560/840**  
REF: 961056084



**CIRCULAR-CIRCULAR ANTI-VIBRATION FLANGE  
BAD 14 (Ø560)**  
REF: 960003464



**METALLIC ROOF KIT FOR CASE FANS  
KIT TM 56**  
REF: KTM56



**SAFETY SWITCH  
INT (GENERIC)**



**ANTI-VIBRATION SPRING BLOCK  
AVS (GENERIC)**