

# SCA 50 T4 (A5:6)

## GENERAL DATA



### SHORT CASED AXIAL DIRECT DRIVE FAN WITH CAST ALUMINUM IMPELLER

#### MANUFACTURING FEATURES:

- Plate axial fan with circular reinforced frame.
  - Modular motor-impeller assembly.
  - Cast aluminum impeller with variable pitch angle.
  - 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.

#### APPLICATIONS:

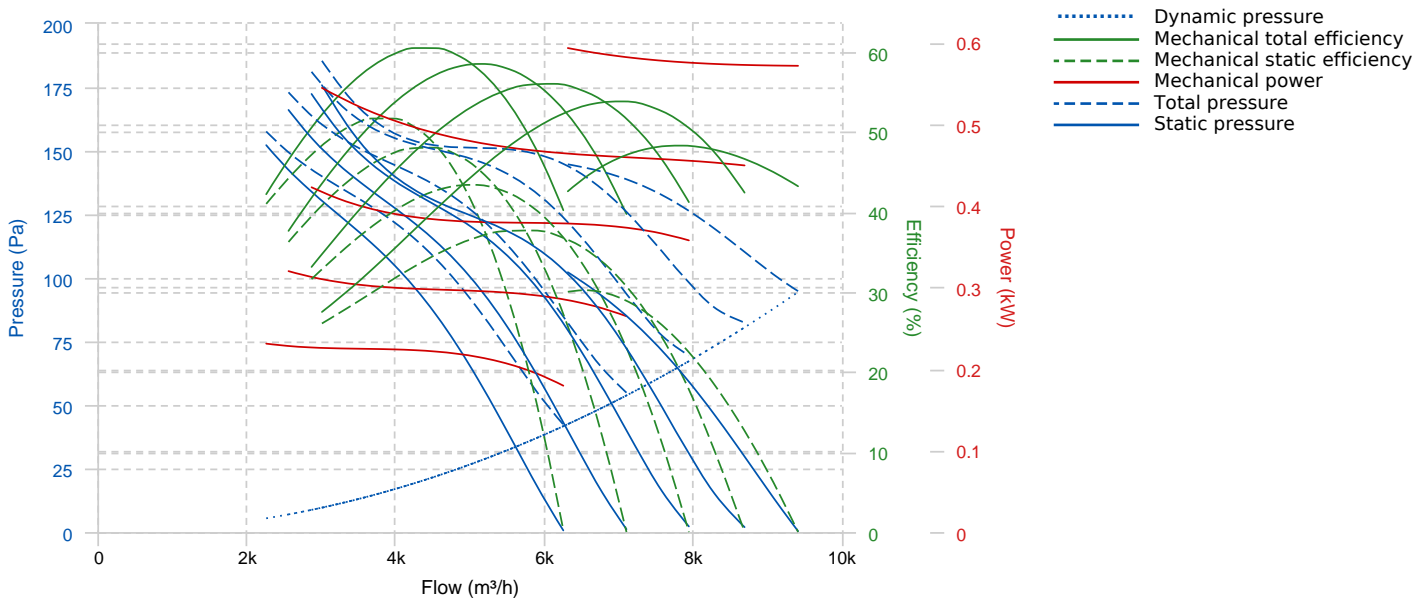
Designed for wall or duct installation, they are suitable for:

- 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.

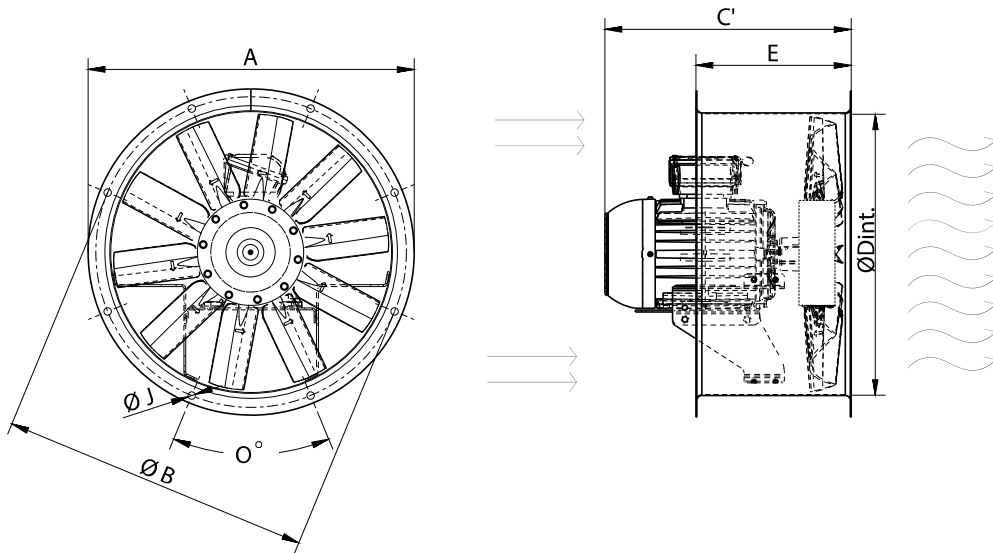
## PERFORMANCE CURVE



## TECHNICAL DATA

Fan					
RPM	-	Approx. weight	-	Max. Flow	9420 m³/h

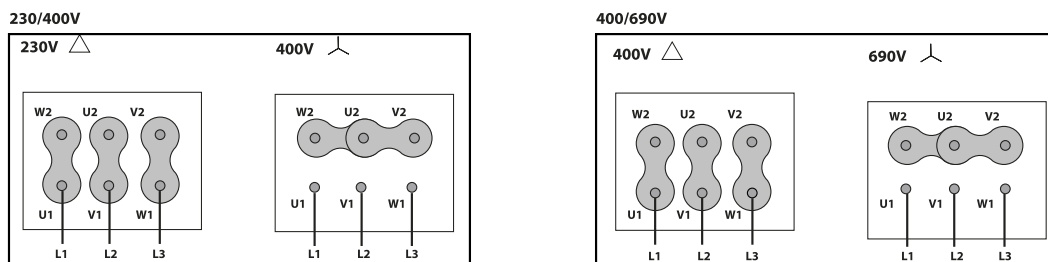
## DIMENSIONS



### Dimensions (mm)

C' (Mot.T.71)	348	C' (Mot.T.80)	360	C' (Mot.T.90L)	397	C' (Mot.T.90S)	372	C' (Mot.T.100L)	428
E	250	Ø	12x30°	ØA	600	ØB	560	ØD	504
ØJ	12								

## WIRING DIAGRAM



## ACCESSORIES



**PROTECTION GUARD FOR LONG CASE FANS RP 50**



**CASE FANS MOUNTING SUPPORT MFLCA 50**



**CONNECTION FLANGE  
AC 500**



**ANTI-VIBRATING FLANGE 400°/2H  
BA-400 50**



**CIRCULAR-CIRCULAR ANTI-VIBRATION FLANGE  
BAD 13**



**SAFETY SWITCH  
INT (GENERIC)**



**FREQUENCY SPEED CONTROLLER  
SFC (GENERIC)**



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



**CIRCULAR SILENCER  
SIL-C 500/500**