# HB 71 T4 (A2:6)

## GENERAL DATA



WALL FAN , VARIABLE PITCH BLADES

MANUFACTURING FEATURES:
• Plate axial fan with circular reinforced frame.
• Motor-impeller modular assembly for complete versatility.
• Corrosion-resistant powder coat polyester resin.
• 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.
• HB :Polypropylene impeller (A2 profile) or polyamide impeller reinforced with fibreglass (other profiles) with variable pitch angle.
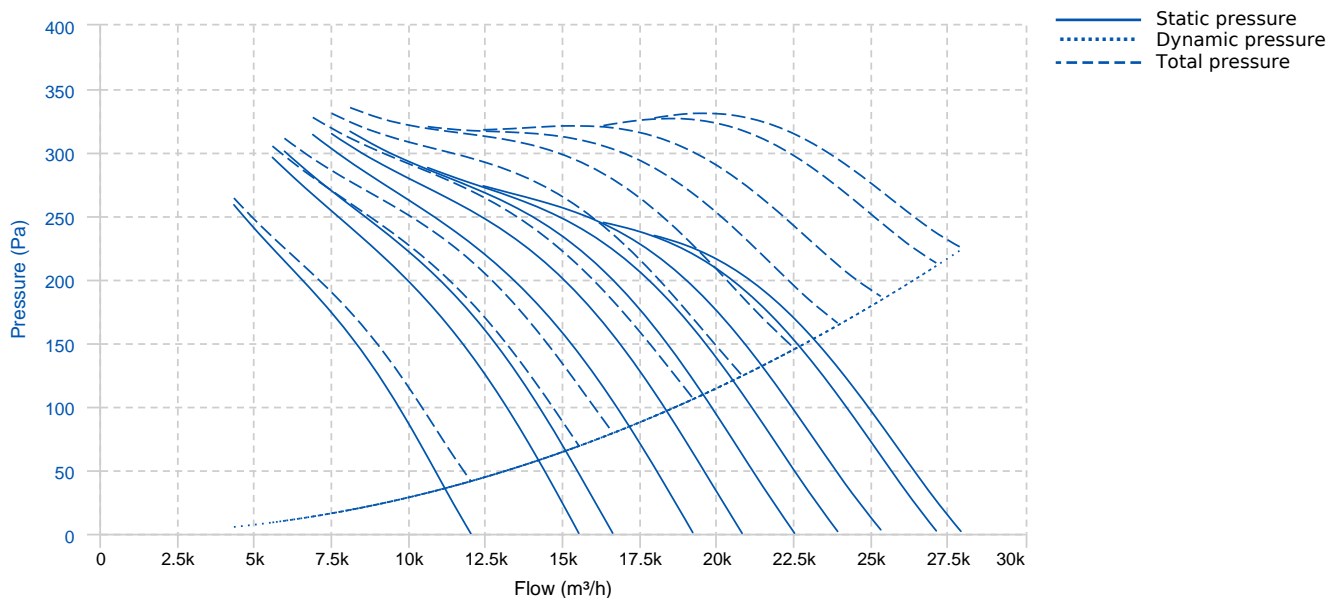• HBA : Cast aluminum impeller with variable pitch angle.

APPLICATIONS:
Designed for wall or duct installation, they are suitable for:
• Air renewal in buildings and industries.
• Maximum working temperature: 1ph 50ºC, 3ph 60ºC.

UNDER REQUEST:
• Supply impeller (air direction from impeller to motor)
• 100% reversible impeller.
• 60Hz fans and special voltages.
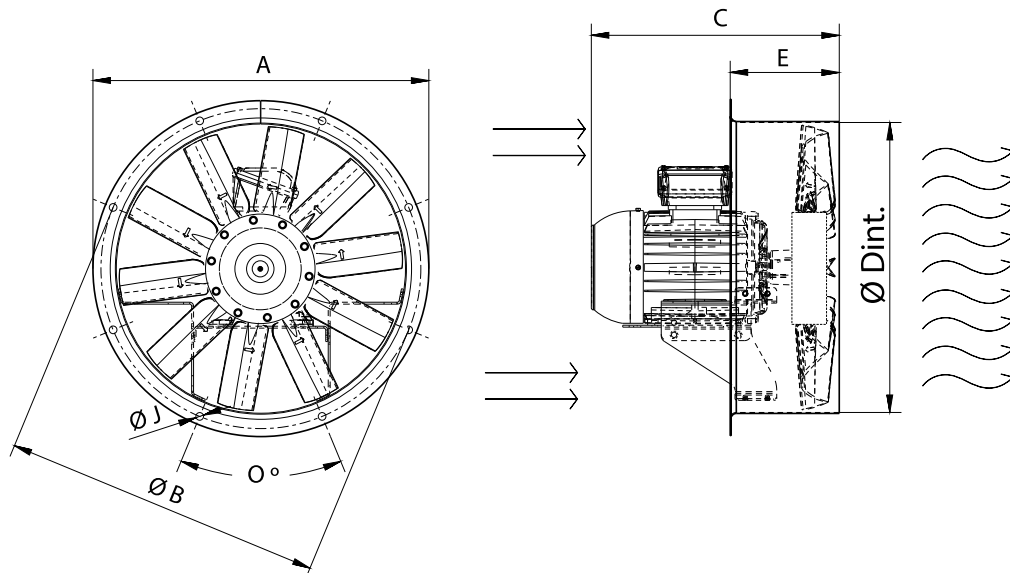• Hot-dipped galvanized or stainless steel housing.

## PERFORMANCE CURVE



## TECHNICAL DATA

### Fan
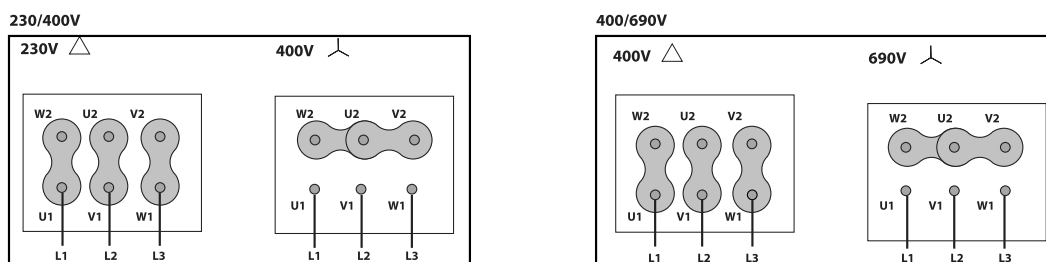
| RPM | - | Approx. weight | - | Max. Flow | 27910 m³/h |
|-----|---|----------------|---|-----------|------------|

GV VORTICE

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## DIMENSIONS



### Dimensions (mm)

| C (Mot.T.80) | 357 | C (Mot.T.90L) | 416 | C (Mot.T.90S) | 391 | C (Mot.T. 100L) | 447 | C (Mot.T. 112M) | 468 |
|---|---|---|---|---|---|---|---|---|---|
| E | 190 | O | 16x22,5º | ØA | 802 | ØB | 770 | ØD | 715 |
| ØJ | 12 | | | | | | | | |

## WIRING DIAGRAM



## ACCESSORIES

 **Outlet protection guard for axial fans RP0 710**
**REF:** 960001206

 **PLASTIC GRAVITY SHUTTER PCP 71**
**REF:** 963260105

**CONECTION FLANGE**
**AC 710**
**REF:** 960003217

**ANTI-VIBRATING FLANGE 400º/2H**
**BA-400 71**
**REF:** 960002058

**SQUARE MOUNTING FRAME FOR HB FANS**
**MC HB 71**
**REF:** 960003158

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

**ALUMINIUM GRAVITY SHUTTER**
**PC2 80**
**REF:** PC28080

**CIRCULAR-CIRCULAR ANTI-VIBRATION FLANGE**
**BAD 16 (Ø710)**
**REF:** 960003466

**FREQUENCY SPEED CONTROLLER**
**SFC (GENERIC)**

**SAFETY SWITCH**
**INT (GENERIC)**

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