

## BD 7/7 M4 0,12kW 3V (251100268)

### GENERAL DATA



DOUBLE INLET, 3 SPEED MOTOR

#### MANUFACTURING FEATURES:

- Galvanised steel sheet housing .
- Polyamide impeller reinforced with fibreglass in models 7/7, 9/9, 10/10 and 12/12. Galvanised steel sheet impeller for all range.
- Double inlet forward curved impeller.
- Supplied with mounting feet (included in price).
- Exclusive system Casals fixing motor and turbine fan by flexible arms silent blocks to avoid any vibration. Arms in compliance with ROHS regulations 2002/95 / EC (Restriction of Hazardous Substances in electrical and electronic equipment)
- Closed 3 speed motor specially designed Casals: extruded aluminum housing, all protected inside the terminal box on the motor IP 65 protection and motor with IP54 protection and Class F insulation standard voltages: 230V 50Hz
- Integrated thermal protector in the winding

#### APPLICATIONS:

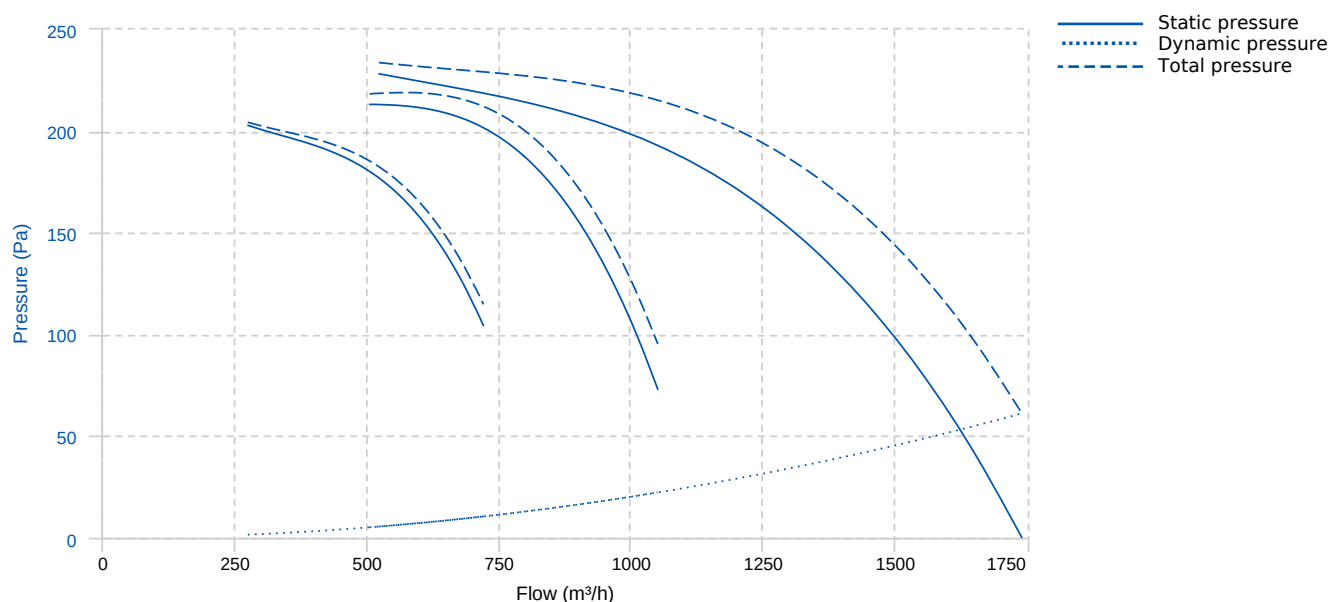
Designed for assembly in equipment:

- Ventilation boxes and air handling units.
- Centrifugal heaters.
- Industrial and professional kitchen hoods. Use in supply or extraction with prior fat filtering.
- Maximum working temperature: 50°C.

#### UNDER REQUEST:

- Impellers made of galvanized sheet.
- MBI assembled.

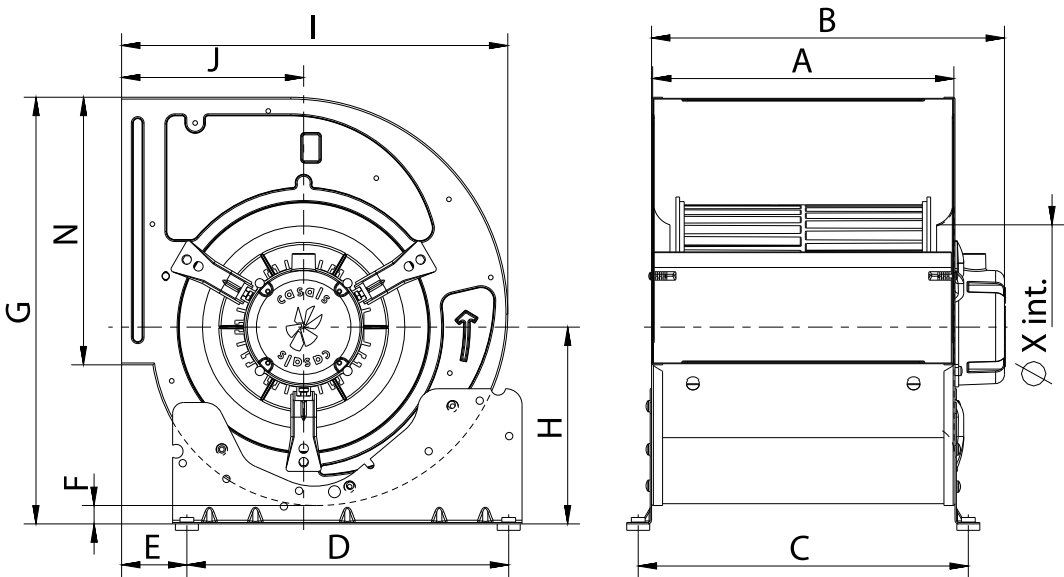
### PERFORMANCE CURVE



TECHNICAL DATA

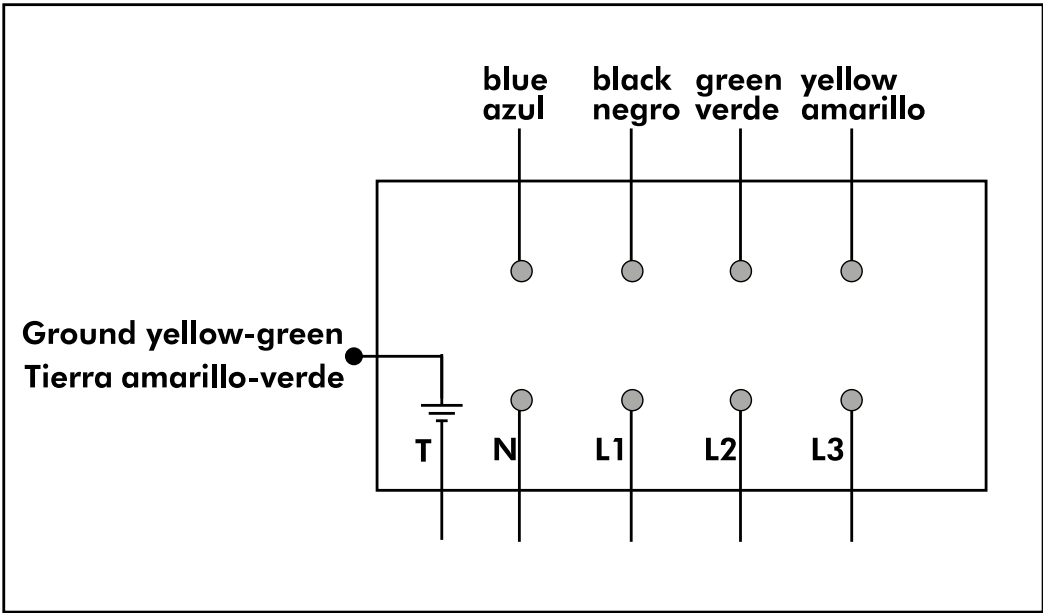
| Fan            |         |                |           |           |          |               |                           |
|----------------|---------|----------------|-----------|-----------|----------|---------------|---------------------------|
| Approx. weight | 9 kg    | Max. Flow      | 1740 m³/h |           |          |               |                           |
| Motor          |         |                |           |           |          |               |                           |
| Power          | 0,12 kW | RPM            | 1360      | Capacitor | 7µF 400V | I max. (230V) | L1=1,5 L2=0,9<br>L3=0,6 A |
| Size           | STC63   | Approx. weight | 4.7 kg    | FP        | 0.96     |               |                           |

DIMENSIONS



| Dimensions (mm) |     |        |     |   |     |   |     |   |      |
|-----------------|-----|--------|-----|---|-----|---|-----|---|------|
| A               | 230 | B m  x | 302 | C | 259 | D | 245 | E | 48,5 |
| F               | 9,5 | G      | 337 | H | 150 | I | 313 | J | 153  |
| N               | 208 | X      | 158 |   |     |   |     |   |      |

WIRING DIAGRAM



ACCESSORIES



**MANUAL SINGLE PHASE SPEED CONTROLLER**  
**REG 3A**  
**REF: 960710030**



**SAFETY SWITCH**  
**INT 25 3P A**  
**REF: INT253PA**



**SPEED SELECTOR SWITCH**  
**INT 3V 3A**  
**REF: 960000603**



**OUTLET PROTECTION GUARD FOR FANS**  
**RI 7/7**  
**REF: A-960000401**



**PROTECTION GRID FOR BD FANS, MOTOR SIDE**  
**RM 7 (T63)**  
**REF: A-960000801**

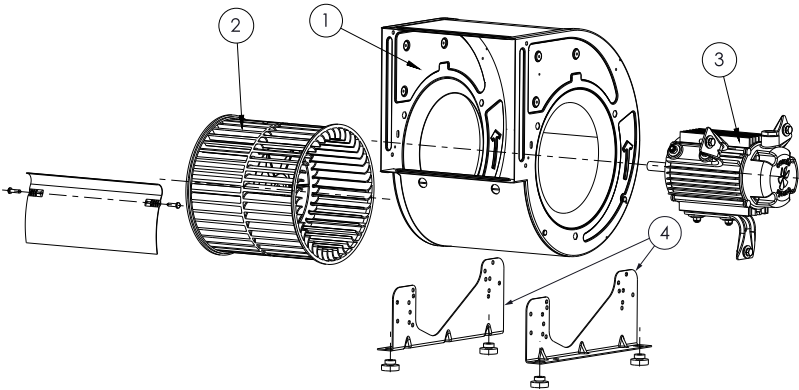


**INLET PROTECTION GUARD FOR CENTRIFUGAL FANS**  
**RA 7**  
**REF: A-960610100**



**OUTLET FLANGE FOR BD AND BV FANS**  
**MBI 7/7**  
**REF: A-251161691**

SPARE PARTS



|   | Code        | Model                     | Qty |
|---|-------------|---------------------------|-----|
| 1 | R-251169421 | CASING BD7/7              | x1  |
| 2 | R-251169383 | TURBINE PA6 BD7/7         | x1  |
| 3 | 251109479   | MOTOR+SUPPORTS BD7/7M4 3V | x1  |
| 3 | 720331113   | MOTOR M4 0,12kW 3V 230V   | x1  |
| 4 | 960500100   | MOUNTING SUPPORT S 7/9    | x1  |