

## BOX BSTB 450 F400

### GENERAL DATA



#### BELT DRIVEN BACKWARD CENTRIFUGAL IN SOUNDPROOF CABINET 400°C/2H

##### MANUFACTURING FEATURES:

- BSTB range fans assembled in soundproof cabinets with insulated panels.
- Fan assembled on antivibration mountings.
- Simple inlet, backward impeller with self-cleaning system.
- Supplied with motor, pulleys and belts.
- Gland connection included.
- Standard asynchronous squirrel-cage motor with IP-55 protection and Class F insulation. Manufactured with standard voltages: 230/400V 50Hz in three phase motors up to 4kW and 400/690V 50Hz for higher powers.

##### APPLICATIONS:

Designed for inline installation, indoor or outdoor assembly, they are suitable for:

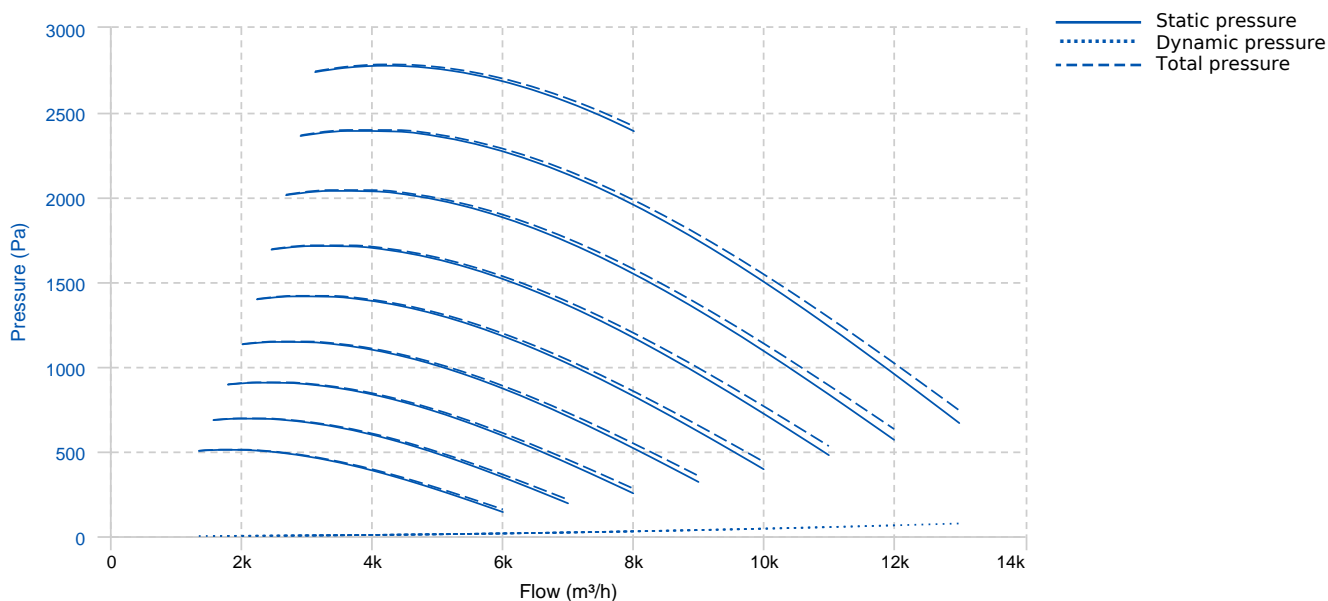
- Air renewal in buildings and industries.
- Smoke emergency exhaust with motor outside the hazardous area (400°C/2h certified).
- Industrial and professional kitchen hoods.
- Maximum working temperature: carried air 130°C; environment 60°C.

##### UNDER REQUEST:

- Special voltages.
- 2 speed motors.
- Orientation:
  - LG90 (horizontal).
  - LG0 (vertical outlet).

Official homologation by the European laboratory APPLUS according to EN 12101-3:2015 Certification Nr: 0370-CPR-1371

### PERFORMANCE CURVE

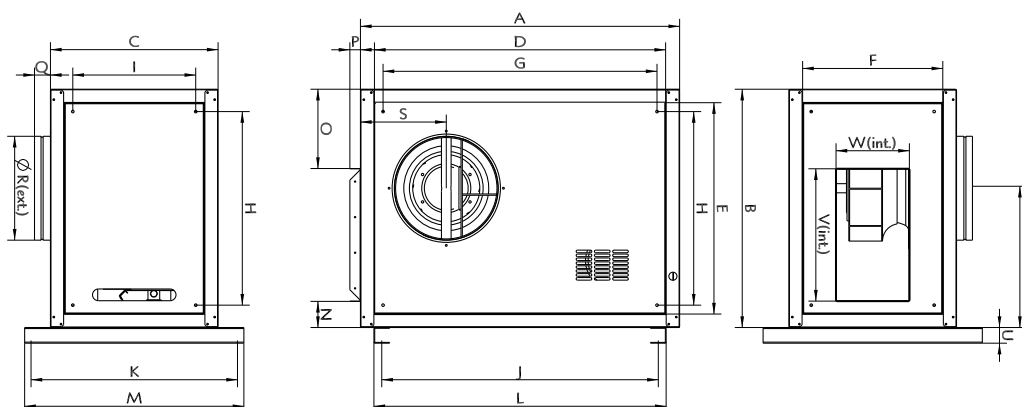


## TECHNICAL DATA

### Fan

RPM	-	Approx. weight	-	Max. Flow	12990 m <sup>3</sup> /h
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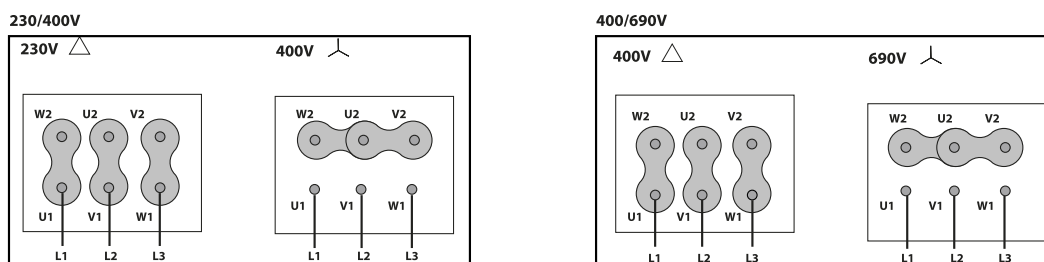
## DIMENSIONS



### Dimensions (mm)

A	1323	B	1003	C	692	D	1215,7	E	900
F	587	G	1149,5	H	831,5	I	521	J	1159,5
K	841	L	1219,5	M	890	N	100	O	328
P	40,5	Q	60	S	375	T	587,7	U	60
V	573	W	310	ØR	448				

## WIRING DIAGRAM



**ACCESSORIES**



**ANTI-VIBRATING FLANGE 400°/2H**  
**BA-400 45**  
**REF: 960002055**



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



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



**SAFETY SWITCH FOR 400°C/2h**  
**INT F400 (GENERIC)**



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



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