

BDS FIRE 710

GENERAL DATA



CENTRIFUGAL BELT DRIVE SMOKE FAN WITH BACKWARD CURVED IMPELLER IN SOUNDPROOF CABINET - 400°C/2h

MANUFACTURING FEATURES:

- MPBI 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.
 - Interchangeable panels to allow different fan positions.
 - 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:

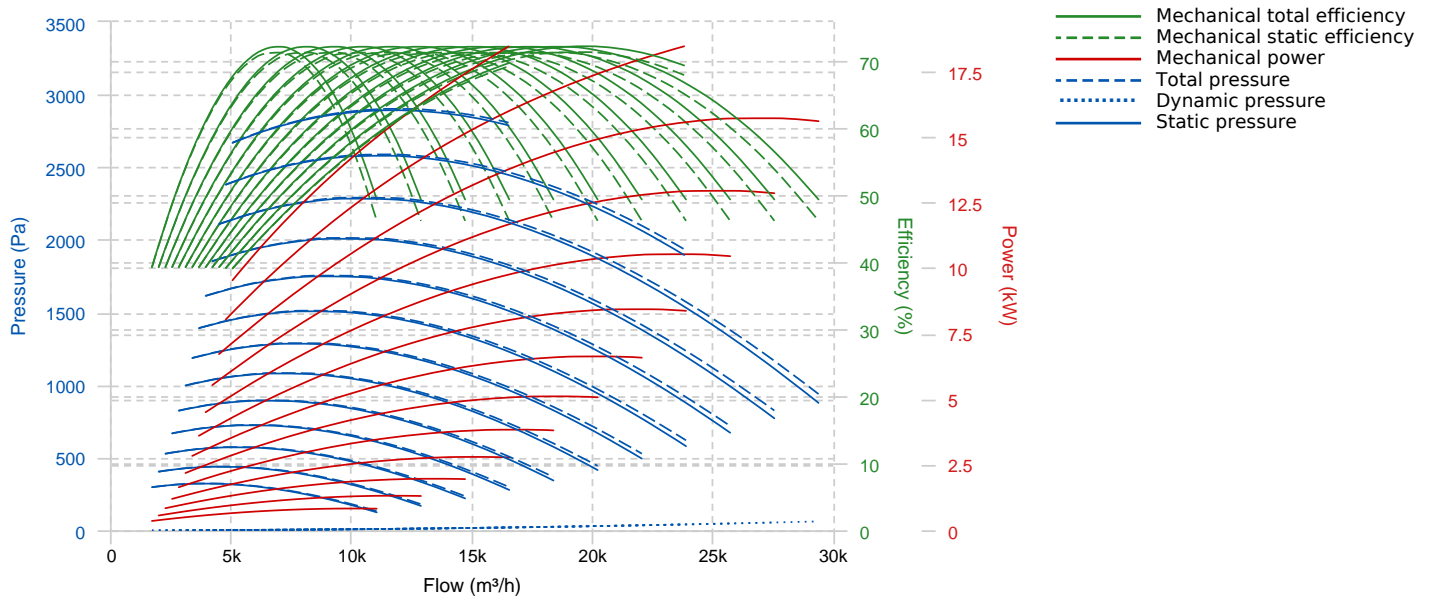
- Smoke emergency exhaust with motor outside the hazardous area.
- Industrial and professional kitchen hoods.
- Maximum working temperature: carried air: 130°C, ambient: 60°C.

UNDER REQUEST:

- 2 speed motors.
- Orientation:
 - LG90 (horizontal).
 - LG0 (vertical outlet).
- Sandwich insulation.
- 60Hz fans and special voltages.

Official homologation by the European laboratory APPLUS according to EN 12101-3:2015
Certification Nr: 0370-CPR-2276

PERFORMANCE CURVE

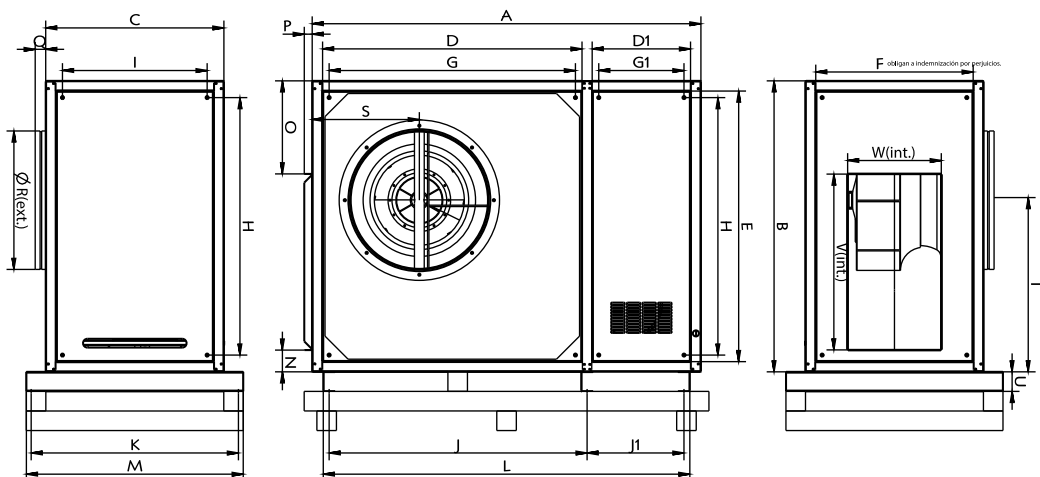


TECHNICAL DATA

Fan

RPM	-	Approx. weight	-	Max. Flow	29390 m³/h
-----	---	----------------	---	-----------	------------

DIMENSIONS



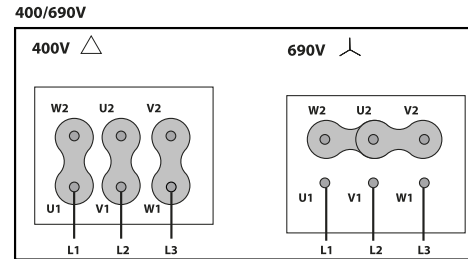
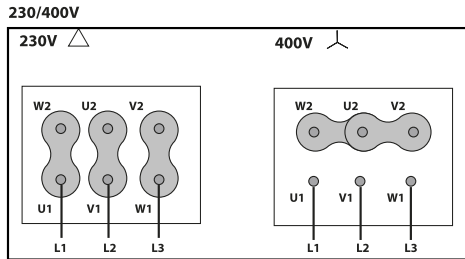
Dimensions (mm)

A	1988	B	1488	C	912	D	1326,8	D1	503
E	1383,7	F	805	G	1259,7	G1	435,9	H	1316,7
I	740	J	1319	J1	495,5	K	1060	L	1874,5

Dimensions (mm)

M	1109	N	111	O	475,8	P	40,5	Q	60
S	545	T	878	U	100	V	899	W	479
ØR	708								

WIRING DIAGRAM



ACCESSORIES



**SAFETY SWITCH
INT (GENERIC)**



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



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