

BD 12/9 M6 0,79kW 3V (251600268)

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:

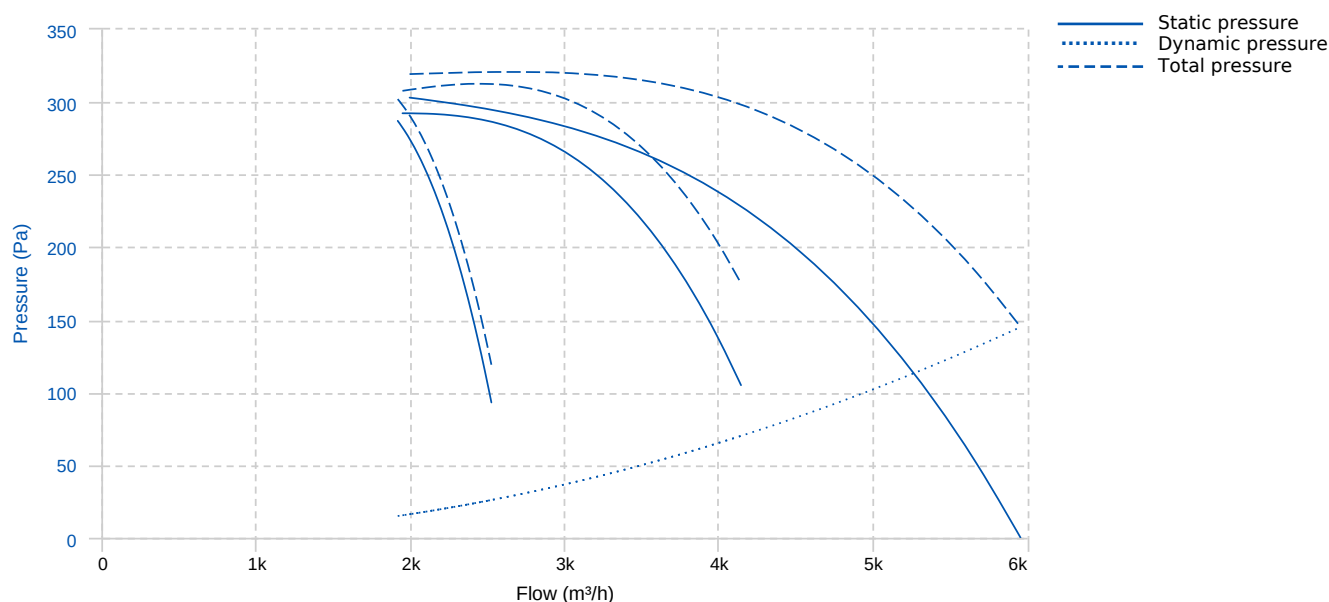
Designed for assembly in equipment:

- 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.

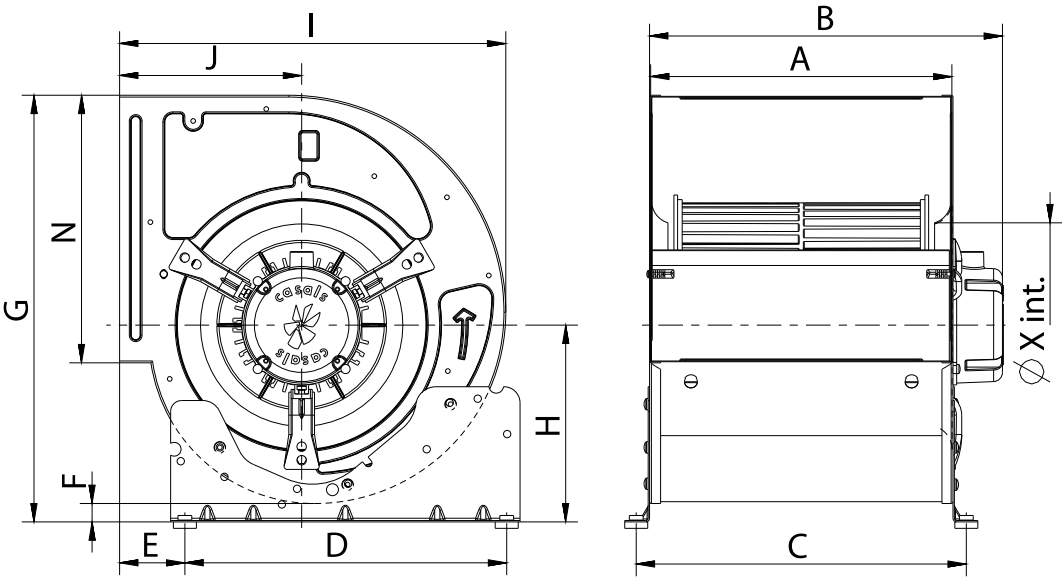
PERFORMANCE CURVE



TECHNICAL DATA

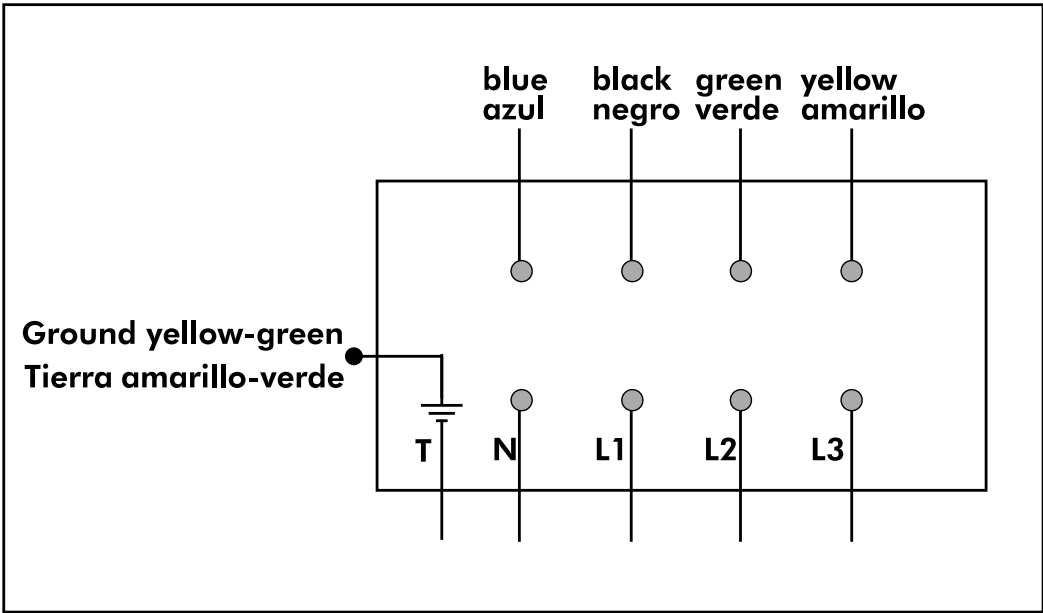
Fan							
Approx. weight	26 kg	Max. Flow	5960 m³/h				
Motor							
Power	0,79 kW	RPM	860	Capacitor	30µF 400V	I max. (230V)	L1=6,5 L2=4,1 L3=3 A
Size	STC90	Approx. weight	0 kg	FP	0.98		

DIMENSIONS



Dimensions (mm)									
A	310	B màx	389	C	339	D	350	E	77
F	17	G	536	H	244	I	490	J	230
N	343,5	X	260						

WIRING DIAGRAM



ACCESSORIES



**MANUAL SINGLE PHASE SPEED CONTROLLER
REG 10A**
REF: 960710100



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



**OUTLET PROTECTION GUARD FOR FANS
RI 12/9**
REF: A-960000407



**INLET PROTECTION GUARD FOR CENTRIFUGAL
FANS
RA 12**
REF: A-960670100

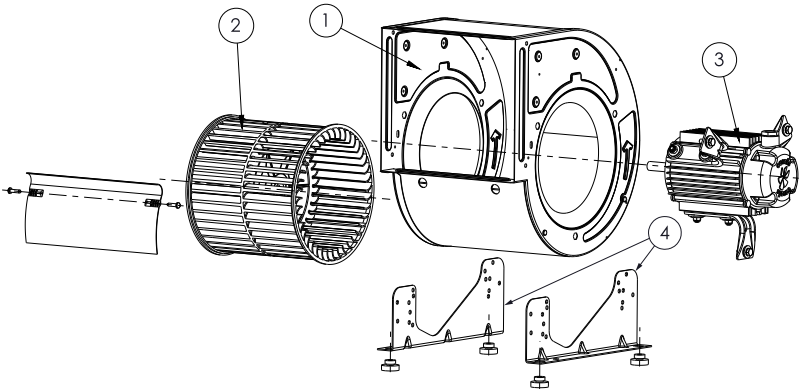


**OUTLET FLANGE FOR BD AND BV FANS
MBI 12/9**
REF: A-251601691



**PROTECTION GRID FOR BD FANS, MOTOR SIDE
RM 12 (T90)**
REF: A-960000805

SPARE PARTS



	Code	Model	Qty
1	R-251609423	CASING BD12/9	x1
2	R-251609381	TURBINE BD 12/9	x1
3	251529479	MOTOR+SUPPORTS BD12M6 3V STC	x1
3	720331372	MOTOR M6 0,79kW 3V 230V	x1
4	960530100	MOUNTING SUPPORT S 12	x1