

BOX BD 9/9 M6 0,13kW (251280551)

GENERAL DATA



CENTRIFUGAL IN SOUNDPROOF CABINET

MANUFACTURING FEATURES:

- Impellers made of polyamide reinforced with fiberglass up to size 33/33 (12/12). Rest of models made of galvanized steel sheet.
- BD range fans assembled in soundproof cabinets with thermo-acoustic insulation, Bs1d0 fire class on the supply pannel.
- Fan assembled on antivibration mountings.
- Connection gland included.
- Closed motors specially designed by Casals with extruded aluminum housing, which make the whole connection is protected within the integrated terminal box on the motor IP 65 protection and motor with IP54 protection and Class F insulation standard voltages: 230V 50Hz in single phase and 230/400V 50Hz three-phase.

APPLICATIONS:

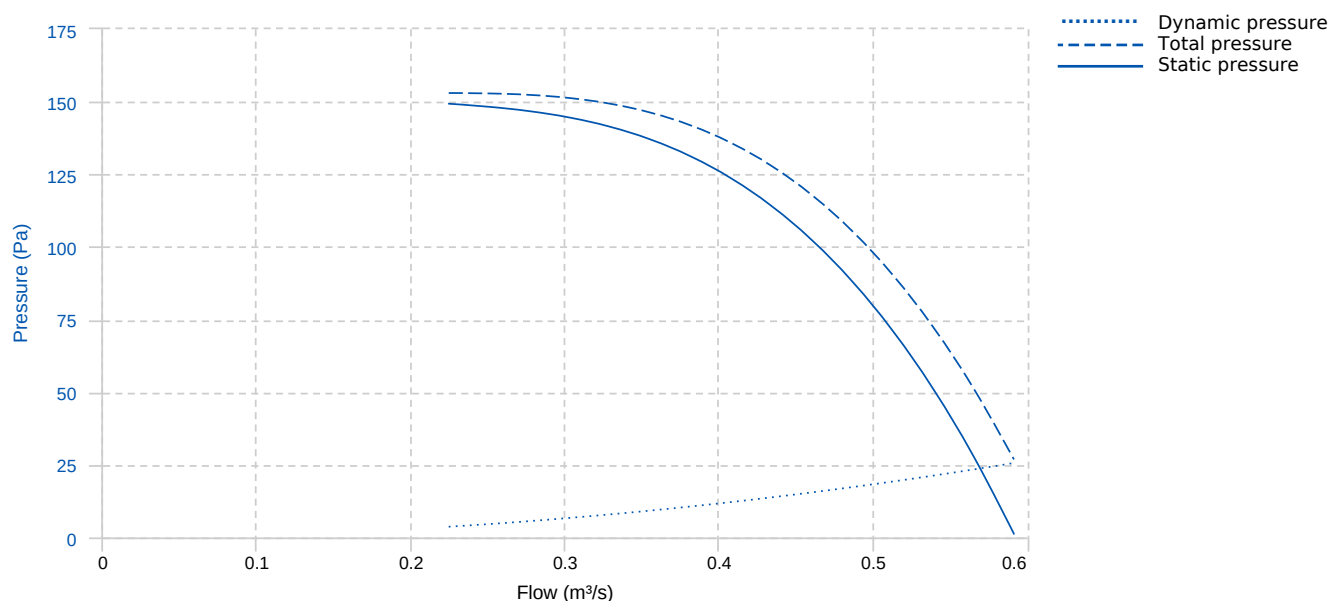
Designed for inline installation, indoor or outdoor assembly, they are suitable for:

- Air renewal in buildings and industries.
- Industrial and professional kitchen hoods. Use in supply or extraction with prior fat filtering.
- Maximum working temperature: 50°C.

UNDER REQUEST:

- LG0 position.
- Impellers made of galvanised steel sheet.
- 3 speed fans.

PERFORMANCE CURVE

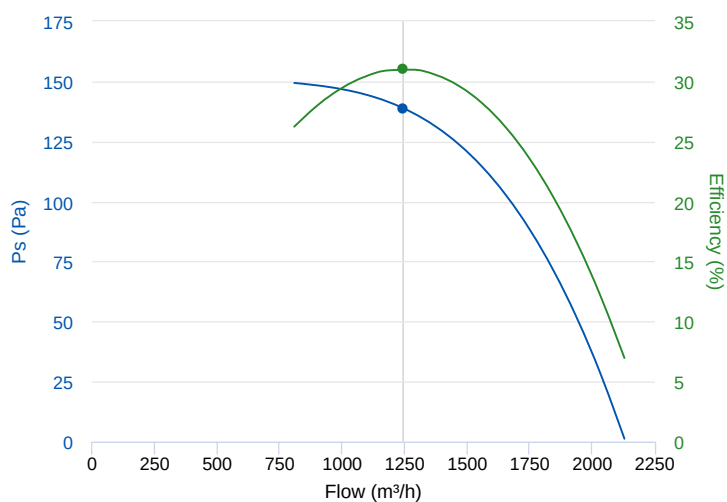


TECHNICAL DATA

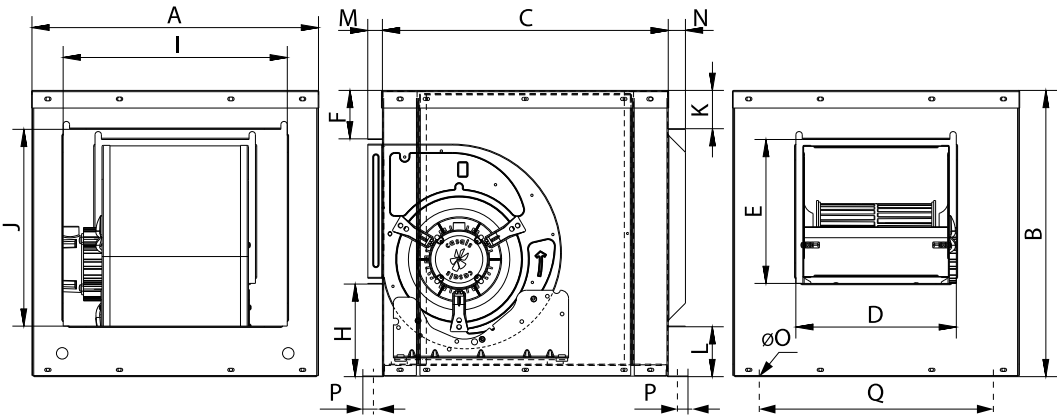
Fan							
RPM	940	Approx. weight	28 kg	Max. Flow	0.59 m³/s		
Motor							
Power	0,13 kW	RPM	940	Capacitor	6μF 400V	I max. (230V)	1,3 A
Size	STC80	Approx. weight	4.7 kg	Efficiency (%)	66.8 %	FP	0.99

ERP DATA

Fan data sheet		
Fan type	Unit for non-residential ventilation (LOT 6)	
Typology	Unidirectional	
reports.other	None	
Type of driver	None	
Motor power (kW)	0.13	
	Fan values	ERP Requirements 2018
Max. efficiency (%)	31.01	30.22
Effic. Heat recovery (%)	-	
Pabs (kW)	0.15	
Flow (m³/h)	1243.12	
Static pressure (Pa)	138.9	
Speed (m/s)	3.82	
SFP (W/m3/s)	433.15	



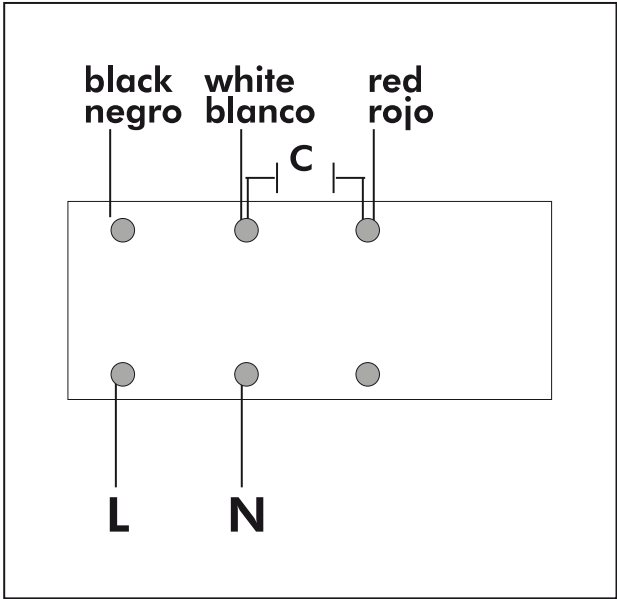
DIMENSIONS



Dimensions (mm)									
A	535	B	535	C	535	D	311	E	268
F	96	H	169	I	418	J	359	K	78
L	96	M	23	N	27	O	10	P	17
Q	478,5								

WIRING DIAGRAM

SINGLE PHASE MOTOR
MOTOR MONOFÁSICO



ACCESSORIES



MANUAL SINGLE PHASE SPEED CONTROLLER
REG 1,5A
REF: 960710015



SAFETY SWITCH
INT 25 3P A
REF: INT253PA



METALLIC GRAVITY SHUTTER FOR CABINET FANS. CERTIFIED 400°C/2H
PI 25/25 (9/9)
REF: 970250100



INLET BLIND COVER
TCA 7
REF: A-960001112



INLET/OUTLET ROUND COVER
TIAC 2 (OUT)
REF: 960001352



INLET/OUTLET ROUND COVER
TIAC 13 (IN)
REF: 960001363



OUTDOOR FLANGE WITH BIRD GUARD
VIS IN 9
REF: 960000052



RECTANGULAR-CIRCULAR FLANGE
BAC 2 (OUT 9/9)
REF: 960002952

ANTI-VIBRATION



RECTANGULAR-CIRCULAR FLANGE
BAC 13 (IN BOX BD/BV 9/9)
REF: 960002963

ANTI-VIBRATION



OUTDOOR FLANGE WITH BIRD GUARD
VIS OUT 9
REF: 960000050