

# BOX BD 39/39 T6 3

## Series general data BOX BD



### MANUFACTURING FEATURES:

- Impellers made of polyamide reinforced with fiberglass up to size 33/33 (12/12). The rest models is galvanized steel sheet.
- BD range fans fitted in soundproof cabinets through insulated panels with Flexi roll Pol Na 30 Anthracite grey M1 fire resistance.
- Fan fitted over antivibration mountings.
- Interchangeable panels giving the possibility to different fan positions.
- Connection gland included.
- Equipped with inlet deflector wing, minimizing the turbulence and optimizing the efficiency.
- Closed motors SPECIALLY DESIGNED. Extruded aluminium motor housing. Totally enclosed wiring box IP-65. IP-54 motor protection and rated class F insulation. Standard voltages 230V 50 Hz for single phase and 230/400V 50Hz.

### APPLICATIONS:

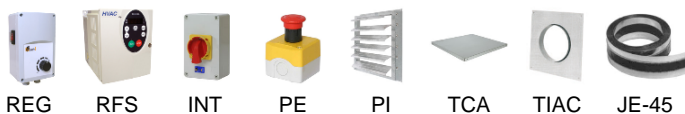
Designed for inline installation, indoor or outdoor assembly, they are suitable for:

- Air renewal in buildings and industries.
- Industrial and professional kitchen hoods.
- Maximum working temperature: 50°C.

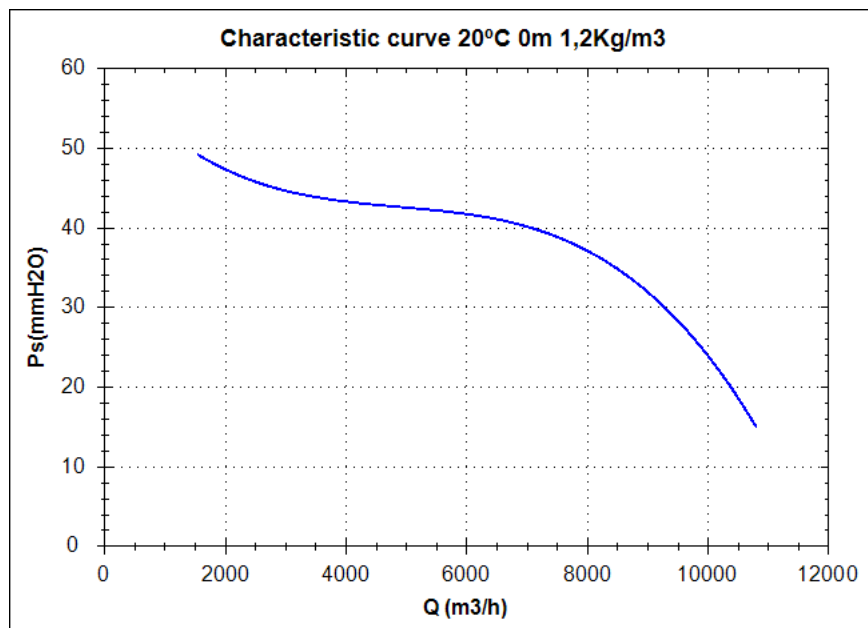
### UNDER REQUEST:

- 3 speed fans.
- 60Hz fans.
- Vertical discharge, circular inlet and outlet, blind cover.
- LGO position.

## Series accessories BOX BD



## Characteristic curve



### Design point

Q (m3/h)	
Ps(mmH2O)	

### Service point

Impeller rpm	
Max. temp.(°C)	
Q (m3/h)	
Ps(mmH2O)	
Pd(mmH2O)	
Pt(mmH2O)	
Air speed(m/s)	

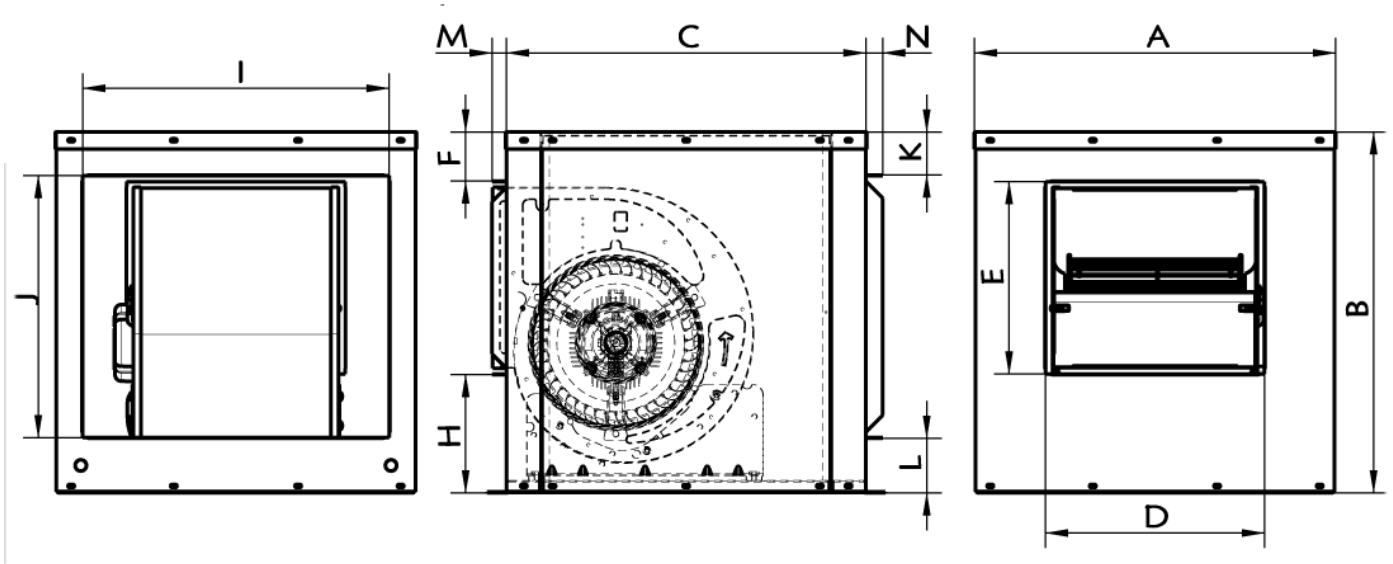
## Technical data

Impeller rpm	900
Motor rpm	900
Approx. weight(kg)	71
Maximum flow rate(m3/h)	10800

Power(kW)	2,2
Imax 230V(A)	10,92
Imax 400V(A)	6,31
Imax 690V(A)	-

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## dimensions diagram



### Dimensions (mm)

A=775	B=775	C=775	D=489	E=421	F=113	H=239	I=650	J=650	K=52	L=71	M=23
N=27											

## Wiring diagram

