

BVFC 15/15 0,55kW

Series general data BVFC



MANUFACTURING FEATURES:

- Fans in thermal and soundproofing cabinets.
- Double inlet forward curved impeller.
- Transmission set outside the airstream including the belts protection grid.
- 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: 100°C, ambient 60°C.

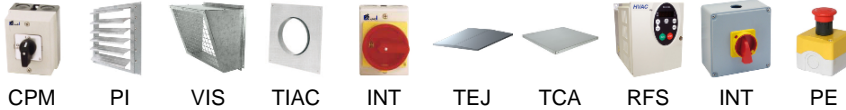
UNDER REQUEST:

- 60Hz fans and special voltages.
- Vertical discharge. 10% additional cost.
- Transmission ratio variation.
- Weather protective roof for sizes from 20/20 to 30/28.

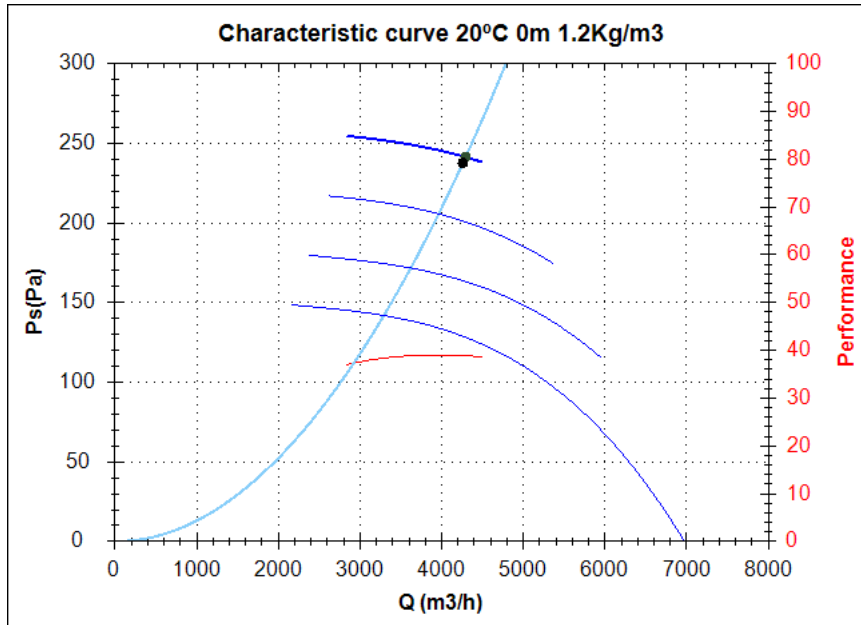
Official homologation by the European laboratory APPLUS according to EN 12101-3:2002, EN 12101-3:2002/AC:2005
Certification Nr: 0370-CPD-0723

* You can find the certificate in the menu: " company/technical data/400°C/2h CE".

Series accessories BVFC



Characteristic curve



Design point

Q (m ³ /h)	4259.38
Ps(Pa)	237.65

Service point

Impeller rpm	650
Max. temp.(°C)	100
Q (m ³ /h)	4292.75
Ps(Pa)	241.38
Pd(Pa)	20.64
Pt(Pa)	262.02
Air speed(m/s)	5.87
Perf.(%)	38.88
SWL dB(A)	69 (INLET)
SPL dB(A)	54 (INLET)
Distance(m)	1.5

Technical data

Impeller rpm	650
Motor rpm	1500
Approx. weight(kg)	91
Maximum flow rate(m ³ /h)	6980

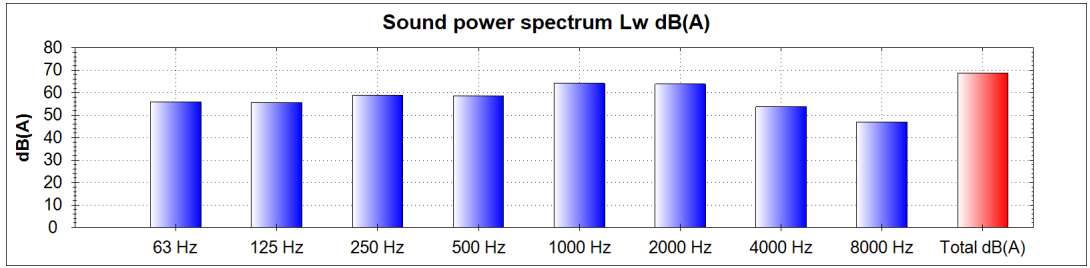
Power(kW)	0,55
Imax 230V(A)	2,69
Imax 400V(A)	1,56
Imax 690V(A)	-

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Acoustics to the service point (INLET)

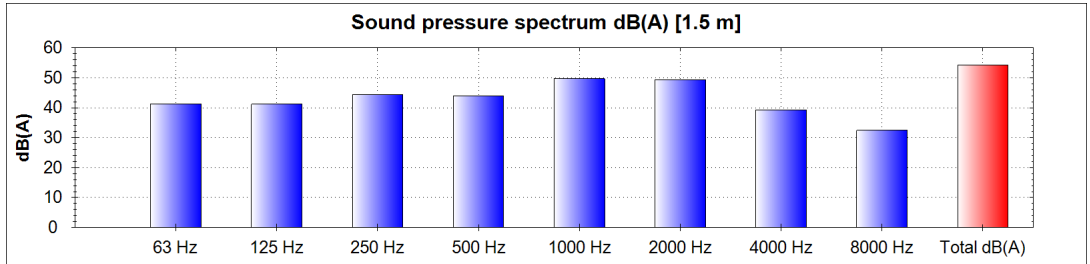
Power dB(A)

63 Hz	56
125 Hz	56
250 Hz	59
500 Hz	58
1000 Hz	64
2000 Hz	64
4000 Hz	54
8000 Hz	47
Total dB(A)	69



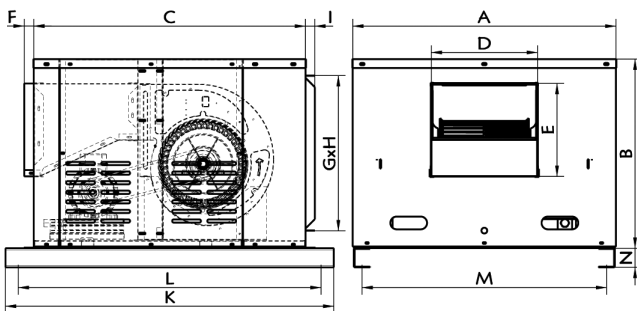
Pressure dB(A) [1.5 m]

63 Hz	41
125 Hz	41
250 Hz	44
500 Hz	44
1000 Hz	50
2000 Hz	49
4000 Hz	39
8000 Hz	32
Total dB(A)	54

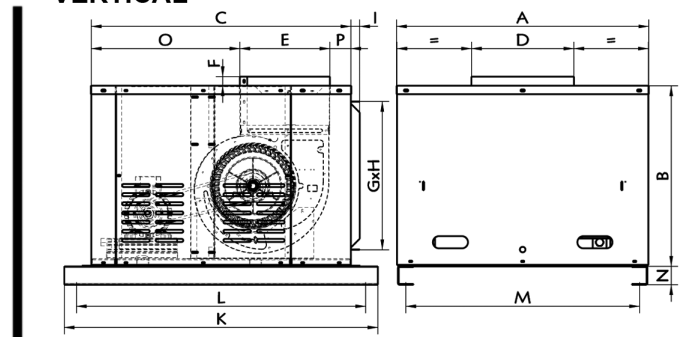


dimensions diagram

HORIZONTAL



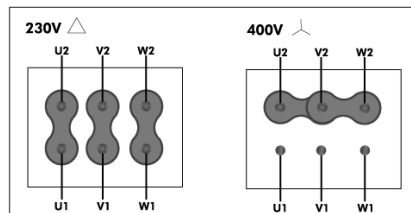
VERTICAL



Dimensions (mm)

Wiring diagram

230/400V



400/690V

