

# CBG-250-4M-1



**Centrifugal single-inlet, medium-pressure fans fitted with an impeller with forward-facing blades and self-cleaning profile**

Fan:

- Galvanised sheet steel casing
- Impeller with forward-facing blades. in galvanised sheet steel
- STC: The turbine's design allows it to be easily cleaned. and prevents the build-up of grease.

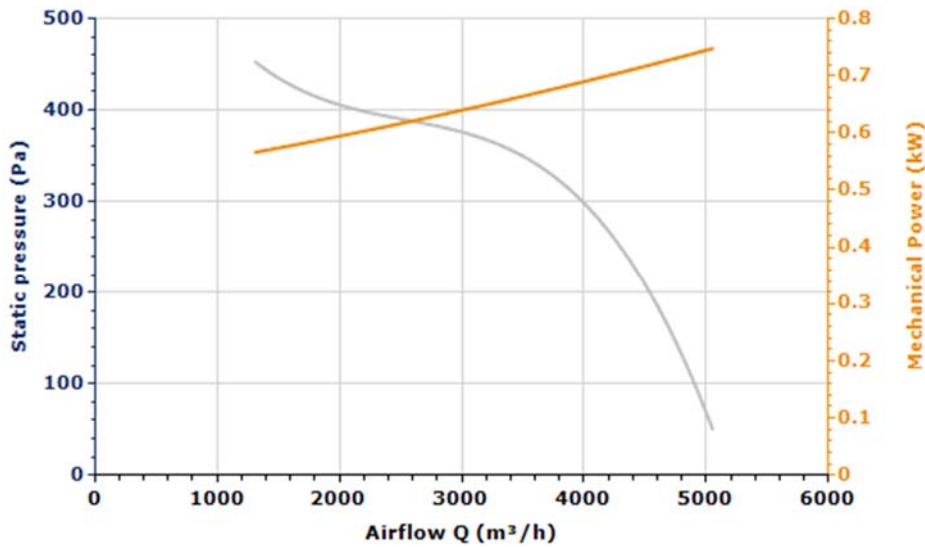
Motor:

- IE2 efficiency motors for capacities equal to or over 0.75kW and below 7.5kW. except single-phase. 2 speed and 8 pole motors
- IE2 and IE3 efficiency for 7.5kW and larger motors. Except for 1Ph. 2 speed and 8 pole motors.
- Maximum air temperature to transport: -20°C. a +120°C.

Finish:

- Anticorrosive in galvanised sheet steel.

## CHARACTERISTIC CURVE AT 1.2KG/M<sup>3</sup>



### Design Point

|                       |  |
|-----------------------|--|
| Q (m <sup>3</sup> /h) |  |
| Ps (Pa)               |  |

### Service Point (SP)

|                        |  |
|------------------------|--|
| Q (m <sup>3</sup> /h)  |  |
| Ps (Pa)                |  |
| Pd (Pa)                |  |
| Pt (Pa)                |  |
| Impeller (rpm)         |  |
| Max. Temp. (°C)        |  |
| Outlet air speed (m/s) |  |
| Mechanical Power (kW)  |  |

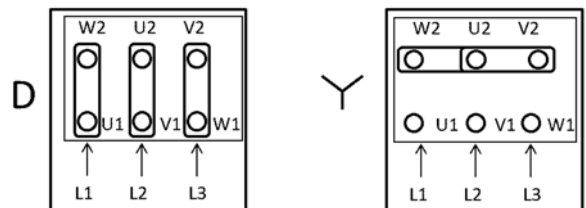
## TECHNICAL CHARACTERISTICS

|                                     |      |
|-------------------------------------|------|
| Airflow maximum (m <sup>3</sup> /h) | 5050 |
| Speed (rpm)                         | 1410 |
| Approx. weight (kg)                 | 25   |

## MOTOR DATA

|                             |      |
|-----------------------------|------|
| Rated Mechanical Power (kW) | 0.75 |
| Hz/phases                   | 50/1 |
| Motor (rpm)                 | 1410 |
| Poles                       | 4    |
| Max. current (A) 230 V      | 3.10 |
| Motor protection            | IP55 |
| Motor frame size            | 80   |

Data can change, please check motor plate



## AVAILABLE ACCESSORIES

No available accessories.

## DIMENSIONS

| A     | a1  | B   | C     | c1    | c2    | ØD    | E     | H   | J   | j1  | K     | k1  | L   |
|-------|-----|-----|-------|-------|-------|-------|-------|-----|-----|-----|-------|-----|-----|
| 688.5 | 437 | 590 | 463   | 350.5 | 132   | 250   | 257.5 | 360 | 340 | 184 | 222.5 | 124 | 392 |
| I     | V   | v   | X     | x1    | x2    | x3    |       |     |     |     |       |     |     |
| 275   | 395 | 360 | 456.5 | 182   | 250.5 | 273.5 |       |     |     |     |       |     |     |

Dimensions without explicitly defined units are shown in millimeters (mm)

