

CBG-450-4T-7.5 IE3



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.
- The turbine's design allows it to be easily cleaned, and prevents the build-up of grease.

Motor:

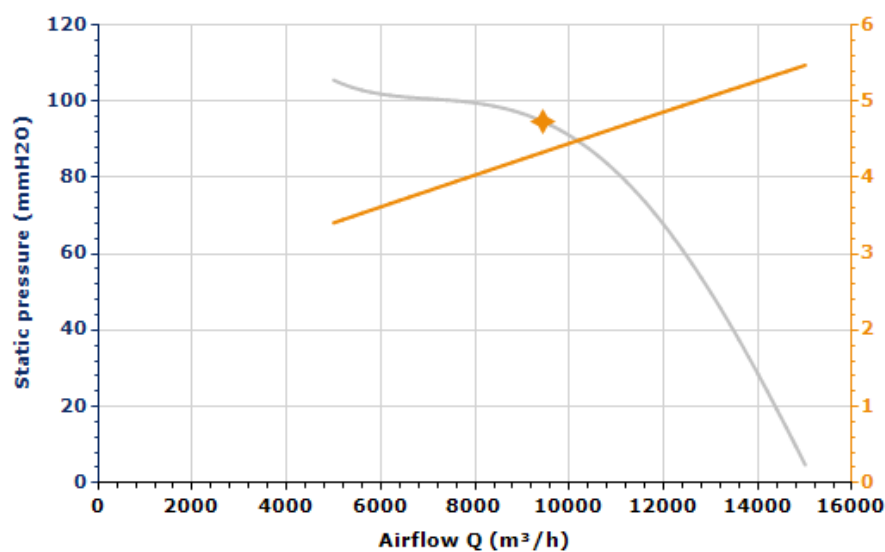
- IE3 efficiency motors for powers equal to or greater than 0.75kW except single-phase, 2-speed and 8-pole.
- Maximum air temperature to transport: -20°C. a +120°C.

Finish:

- Anticorrosive in galvanised sheet steel.



CHARACTERISTIC CURVE AT 1.2KG/M³



Design Point

Q (m³/h)	
Ps (mmH2O)	

Service Point (SP)

Q (m³/h)	
Ps (mmH2O)	
Pd (mmH2O)	
Pt (mmH2O)	
Impeller (rpm)	
Max. Temp. (°C)	
Outlet air speed (m/s)	
Mechanical Power (kW)	

TECHNICAL CHARACTERISTICS

Airflow maximum (m³/h)	15004
Speed (rpm)	1465
Approx. weight (kg)	92

ERP

Efficiency	51.2%
Efficiency grade N	53.2
Measurement category	A
Efficiency category	Static
Specific ratio	1.01
Flowrate (m³/h)	9438

Pressure (Pa)	929
Input power (kW)	4.761
Speed (rpm)	1472
Variable speed drive	VSD not necessary
ErP compliance	2015

♦ Data established at point of optimum efficiency

MOTOR DATA

Rated Mechanical Power (kW)	5.50
Hz/phases	50/3
Motor (rpm)	1465
Poles	4P
Max. current (A) 380-415 V D	10.30
Max. current (A) 660-725 V Y	5.97
Motor protection	IP55
Motor frame size	132M

Data can change, please check motor plate

AVAILABLE ACCESSORIES

No available accessories.

DIMENSIONS

A	a1	B	C	c1	c2	ØD	E	H	J	j1	j2	K	k1
870	553	750	820	645	180	450	327.5	450	455	193.5	242.5	355	143.5

k2	L	I	V	v	X	x1	x2	x3
191	507	405	540	510	685	250	382.5	407

Dimensions without explicitly defined units are shown in millimeters (mm). Dimensions depending on the motor are approximate

