



Contra-rotating cased axial fans TCBBx2/TCBTx2 Series

Serial TCBBx2/TCBTx2

TCBBX2/4-560/L (230V50HZ) V3

Range of cylindrical cased axial fans fitted with aluminium impellers and manufactured from high grade rolled galvanised steel and protected against corrosion by cataforesis primer and black polyester paint finish.

Fitted with 2 contra rotating complementary impellers manufactured from die-cast aluminium. All models are supplied with pre-wired wiring junction box located on the outside of the fan casing for easy wiring access.

Available with single or three phase 4 poles motors.



Motors

All the motors are IP65, Class F insulation (1), equipped with thermal protection.

Single phase motors are variable voltage (Excepted TCBBX2/4-630).

Three phase motors suitable for inverter control.

Electrical supplies: <dd>Single phase 230V-50Hz (Capacitor located inside the wiring terminal box)

Three phase 230/400V-50Hz.</dd>(1) Working temperatures from -40°C up to 70°C.

Technical data

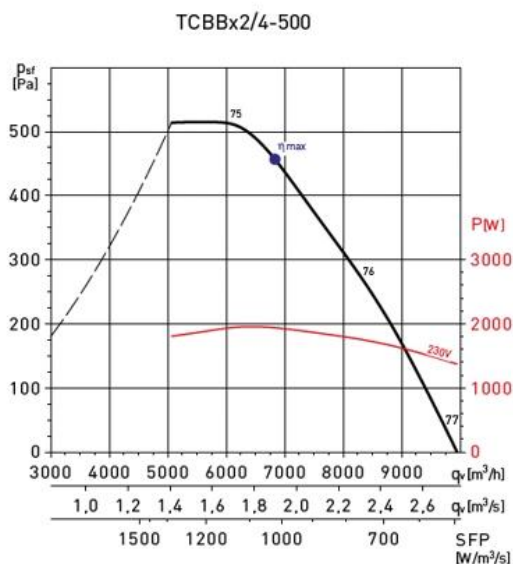
Curve - Example of selection

PERFORMANCE CURVES TCBBx2 / TCBTx2

- q_v : Air volume in m^3/h and m^3/s .
- p_{st} : Static pressure in Pa.
- SFP: Specific fan power in $W/m^3/s$.
- P: Input power in W.
- Measurement category: D.
- Efficiency category: total.
- Fan efficiency without VSD.
- Air flow data in accordance with ISO 5801.
- Sound pressure level dB(A), measured in a free field distance equal to 3 times the diameter, with a minimum of 1,5 m.

MC	Measurement category
EC	Efficiency category
VSD	Speed control: supplied with the fan
SR	Specific ratio
η [%]	Efficiency
N	Efficiency grade
[kW]	Absorbed power
[m^3/h]	Air volume
[Pa]	Static pressure
[RPM]	Speed

EXAMPLE CURVE



MC*	EC*	VSD*	SR*	η [%]*	N*	[kW]	[m^3/h]	[Pa]	[RPM]
D	Total	No	1	50,0	54,5	1,939	6832	514	1393

* See example curve.