

Short Case Series – SCD254

Location

Project



Designation

Notes

Features

The Short Case Axial Series of fans is designed for duct mounting. The fans are suitable for a wide range of applications.

Construction

Galvanised steel coated with polyester epoxy finish as standard. Impellers are of injection moulded glass-reinforced plastic. Aluminium blades are an optional extra.

Motors

Type - squirrel cage induction motor.
Electricity supply - 220-240V single or 415V three-phase, 50Hz.
Bearings - sealed-for-life ball.
Speed-controllable using electronic controllers or auto transformers.
Enclosure IP55.

Internal Thermal Protection

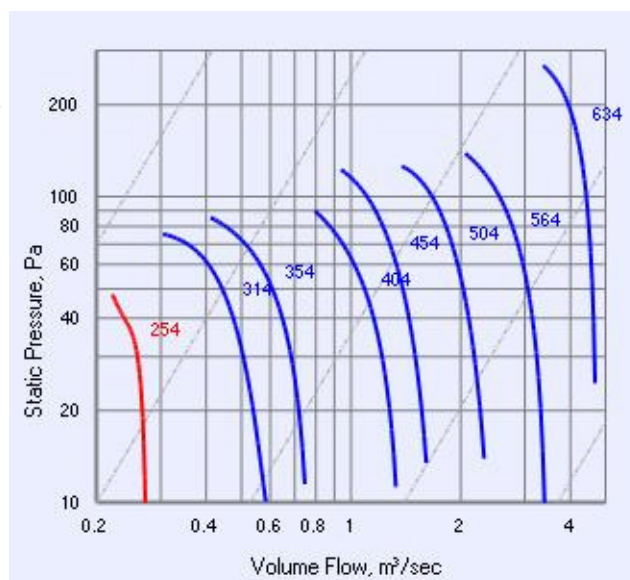
Manual reset protection is supplied as standard in these units.

Testing

Air flow tests to BS848:Part 1, 1980.
Noise tests BS848:Part 2, 1985.

Special Features

Can be mounted at any angle.
Can operate in ambients from -20°C up to 70°C, or maximum of 50°C when being speed controlled.
Most three-phase external rotor motors are 2-speed star/delta design.
An electrical junction box is fitted as standard.



Technical Data - SCD254

Speed [rps]	Avg. dBA @ 3m	kWatts (Input)	Amps	Max.° C	Approx. Weight [kg]
22	39	0.12	0.5	40	8

Sound Data

Type	63	125	250	500	1K	2K	4K	8K
Inlet	63	61	57	57	55	52	48	43

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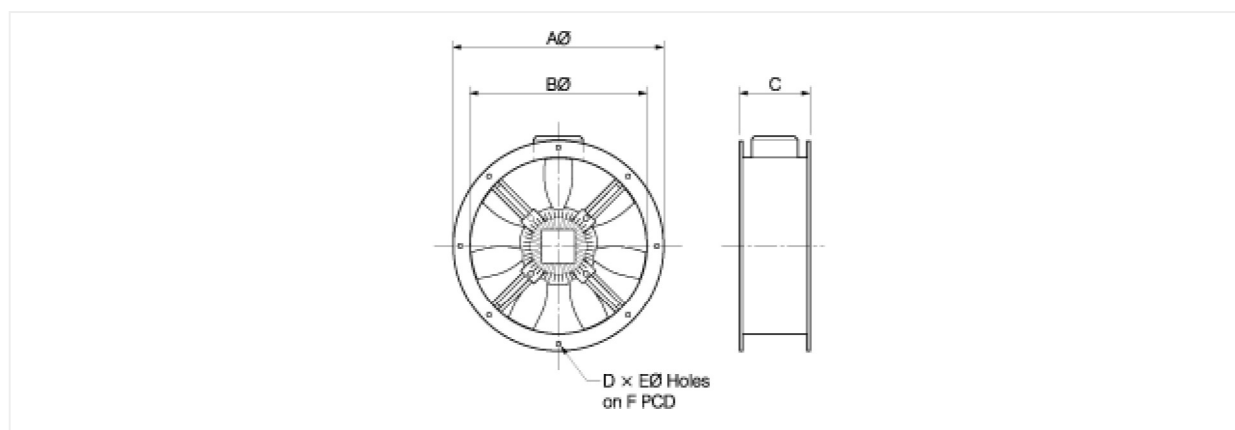
Suggested Specification

The Short Case Axial Series of fans shall be as supplied by Fantech Pty Ltd. The axial impellers shall be of GRP and driven by single-phase speed-controllable or three phase motors with integral thermal protection.

Cases shall be of galvanised construction with a polyester epoxy finish.

All models shall be fully tested to BS848:Part 1, 1980 for air flow and to BS848:Part 2, 1985 for noise.

Dimensions



A	B	C	D	E	F
305	250	180	8	7	285

All dimensions in mm, unless otherwise stated

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