

Elta Marine Fans

Small Boat Range



- **Designed and tested to cope with vigorous marine conditions.**
- **Manufactured with mild steel casings.**
- **Aluminium impellers providing high efficiency.**
- **All fans tested to BS 848 Parts 1 & 2 and CE marked.**



Elta marine fans have been designed in close co-operation with marine architects and builders, to provide compact design with high performance. Elta is a leading supplier to the marine industry, producing axial fans from 150 mm to 2 meters in diameter.

Custom built fans can be produced to suit specific applications and for electrical supplies of 12Volt, 24Volt, 110Volt and 220Volt DC, 240Volt single phase 50Hz or 60Hz, 400Volt three phase 50Hz, and 440Volt three phase 60Hz. Hydraulic and pneumatic fans are also available. Elta can supply centrifugal fans to suit most on-board applications for engine room or secondary ventilation. Fans can be designed to meet the requirements of the major marine classification authorities including Lloyds, DNV and ABS.

Elta has specially designed technical facilities at its manufacturing plant in Fareham and tests all products to ISO 5801 (BS 848 Part 1 : 1997) for aerodynamic performance and BS 848 Part 2 : 1995 for sound performance. All marine fans carry the CE mark and motors are EMC certified.

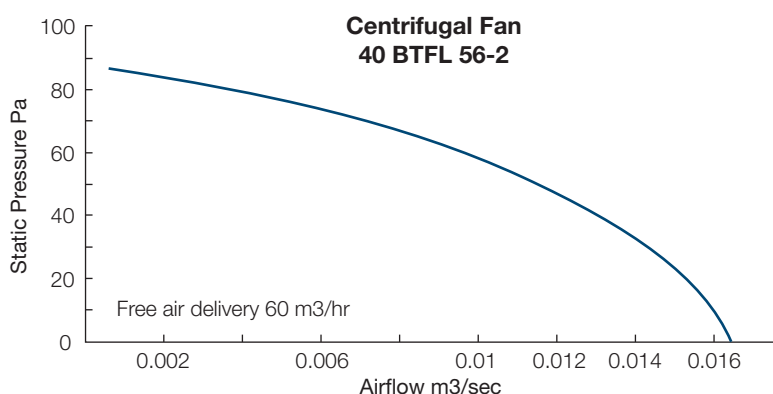
All small boat range fan casings are manufactured from mild steel and epoxy powder coated white. This provides a durable product, able to withstand vigorous corrosive marine conditions. Motors are Class F insulation and rated IP54. Flying leads are provided to allow easy on-board installation.

Battery Room Centrifugal Fan 24 Volt DC



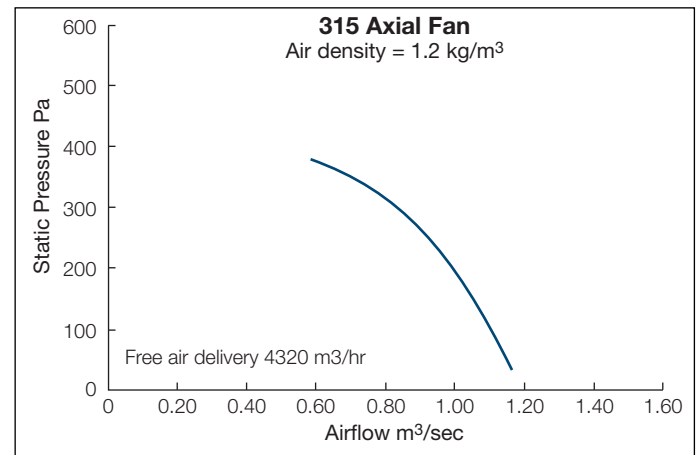
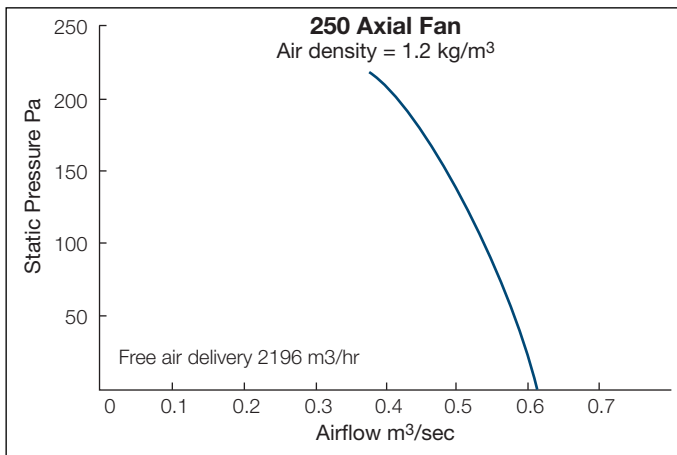
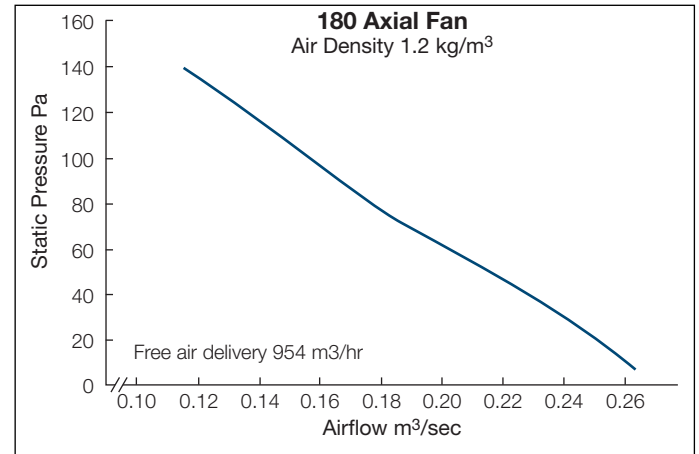
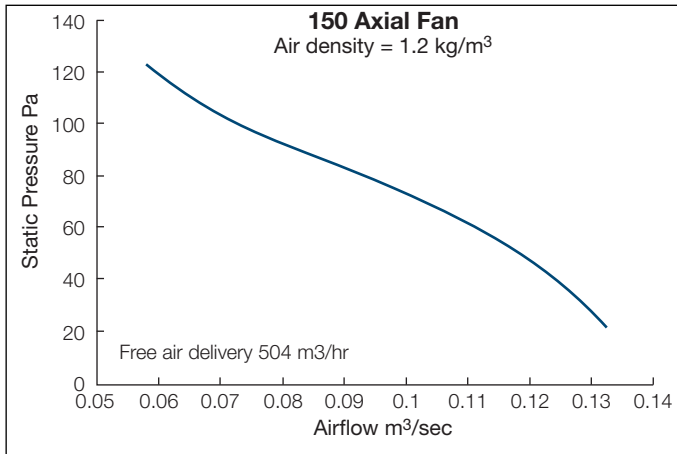
- **Specially developed to ventilate on-board battery rooms.**
- **Duty of 0.017 m³/sec (60 m³/hr) at free air delivery.**
- **Deals with pressures of up to 85pa swg running at a motor speed of 1600 RPM.**
- **Motor output only 60 Watts on a 24 Volt DC supply.**
- **Two pack powder epoxy white finish.**

Model	40 BTFL. Battery Room Fan.
Motor Details	60 Watts @ 1600 RPM.
Casing	Mild Steel Fabricated.
Finish	Two pack epoxy paint, finished white.
Impeller	Aluminium powder coated.
Motor	Permanent Magnet IP54.
Brushes	Easy access.
Rating	Continuous.
Electrical Connections	Direct into motor terminal box.
Motor Mount	Foot and flange mounted.
Full Load Current	3 Amps.
Starting Current	Approximately 5 x FLC.
Motor Insulation	Class F.
RF Suppression	Included.



Axial Fans 12 Volt - 24 Volt

- Provides ventilation to the engine room or crew quarters.
- 4 Standard sizes, 150, 180, 250 & 315 mm diameter.
- Long and short axial fans available.
- Duties from 0.14 m³/sec to 1.2 m³/sec free air delivery.
- Quiet and efficient in operation.
- Durable epoxy powder coated white finish.
- Brushless EC/DC motors available up to 0.25 KW.

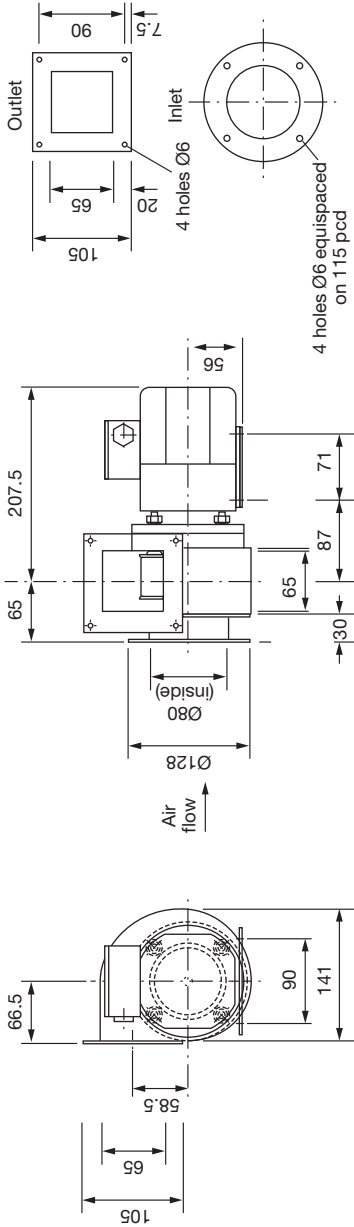


Model	150	180	250	315
Ref	150-75B5-60W-40-12. (12 Volt, DC, IP54, S1)	180-75B5-140W-40-12. (12 Volt, DC, IP54, S1)	250-56L-2GP. (24 Volt, DC, IP54, S1)	315-YDB71B/5/28B (24 Volt, DC, IP54, S1)
	150-75B5-60W-40-24. (24 Volt, DC, IP54, S1)	180-75B5-140W-40-24. (24 Volt, DC, IP54, S1)		
Motor Details	60W @ 3600 RPM.	140W @ 3600 RPM.	250W @ 3000 RPM.	550W @ 3000 RPM.
Casing	Spun mild steel. Long or short.	Spun mild steel. Long or short.	Spun mild steel. Long or short.	Spun mild steel. Long or short.
Impeller	Aluminium.	Aluminium.	Aluminium.	Aluminium.
Finish	White powder epoxy coated.			
Motor	Permanent magnet.			
Rating	Continuous.			
Brushes	Easy access.			
Electrical Connections	Flying lead.			
Full Load Current	5.2A @ 12V. 2.6A @ 24V.	14A @ 12V. 6.8A @ 24V.	10A @ 24V.	30A @ 24V.
Motor Insulation	Class F.			
RF Suppression	Included.			

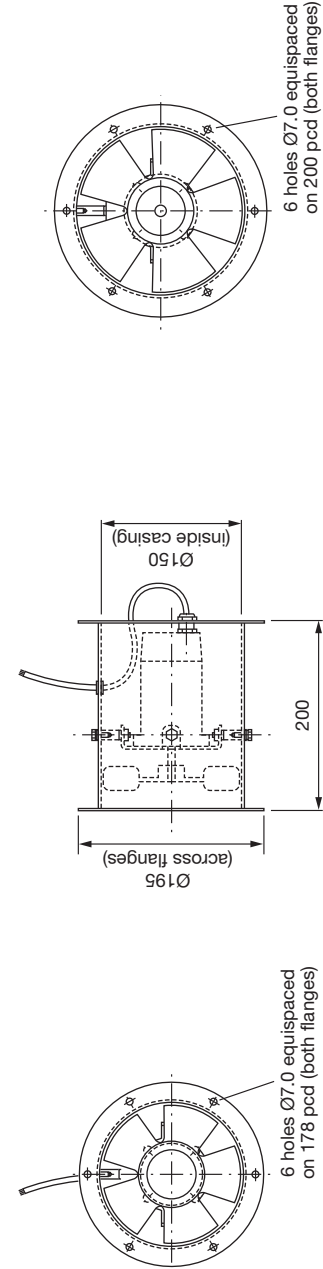
Note – Accessories: Inlet and outlet guards

Dimensions

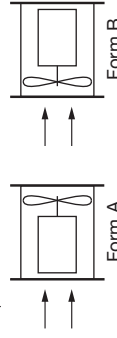
All dimensions shown are in mm



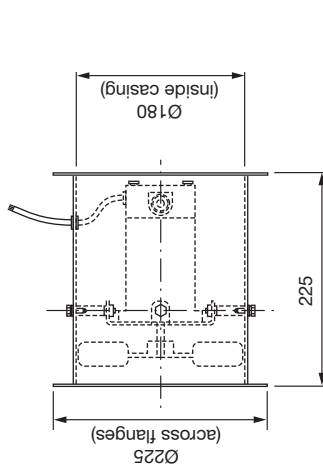
Battery Room Centrifugal Fan



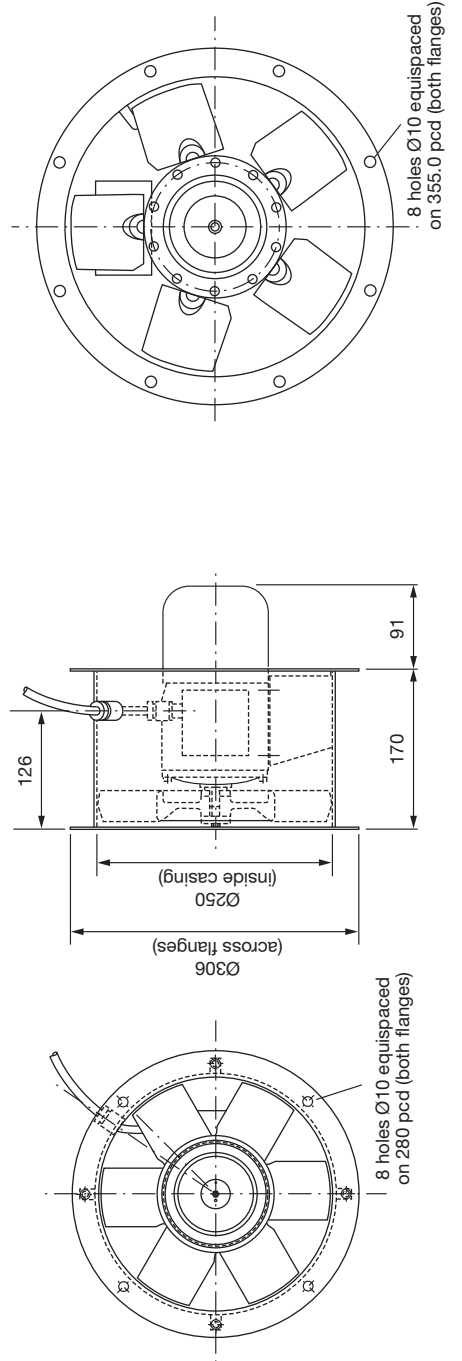
150 Axial Fan



Axial fans can be supplied in Form A or Form B running.
Long or short case types are available.



180 Axial Fan

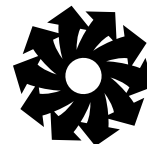


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Elta Fans reserve the right to change specifications without prior notice.

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