

Canal Star

18 • 27 • 36 • 45



WATER-COOLED MARINE PROPULSION DIESEL ENGINES FOR CANAL BOATS

A range of two, three and four cylinder naturally aspirated indirect injection diesel engines of cast iron construction, with fresh water cooling suitable for skin tanks.

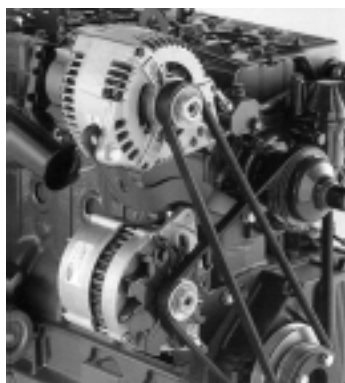
Designed and built by Lister-Petter to their traditional standards for long life, economy and reliability.

Standard Features

- Indirect injection combustion for quiet running, low vibration and emissions.
- Fresh water cooling suitable for skin tanks.
- Newage or Hurth gearbox - dependant on Canal Star engine.
- 12 volt starter motor and 50 or 70 amp alternator - dependant on Canal Star engine.
- Instrument panel with hour recorder, keyswitch, visual and audible warnings.
- Vibration isolation mounts.
- Fuel filter with agglomerator.
- Sump drain pump.
- Calorifier connections providing fast domestic hot water warm-up.
- Finished in traditional 'Lister' green paint.
- 2 year warranty.

Alternators

Twin alternators are available on Canal Star engines; see the Optional Accessories below for further details.



Optional Accessories

A range of options to enable your Canal Star marine engine to be built to your exact needs are available including:

- Alternative gearboxes.
- Alternative instrument panels.
- Fuel and exhaust systems.
- Engine mounts.
- Twin alternators, choose from:
an additional 55 Amp, 100 Amp or 240 volt power system, dependant on Canal Star engine.
- Engine controls.

Please consult Lister-Petter or your local Lister-Petter Marine Engine Centre for full details.

Lister-Petter Marine Engine Centres

Located on the canal and inland waterways network, Lister-Petter Marine Engine Centres offer a comprehensive sales, installation, parts and service back-up for your Canal Star diesel.

Owner Training Course

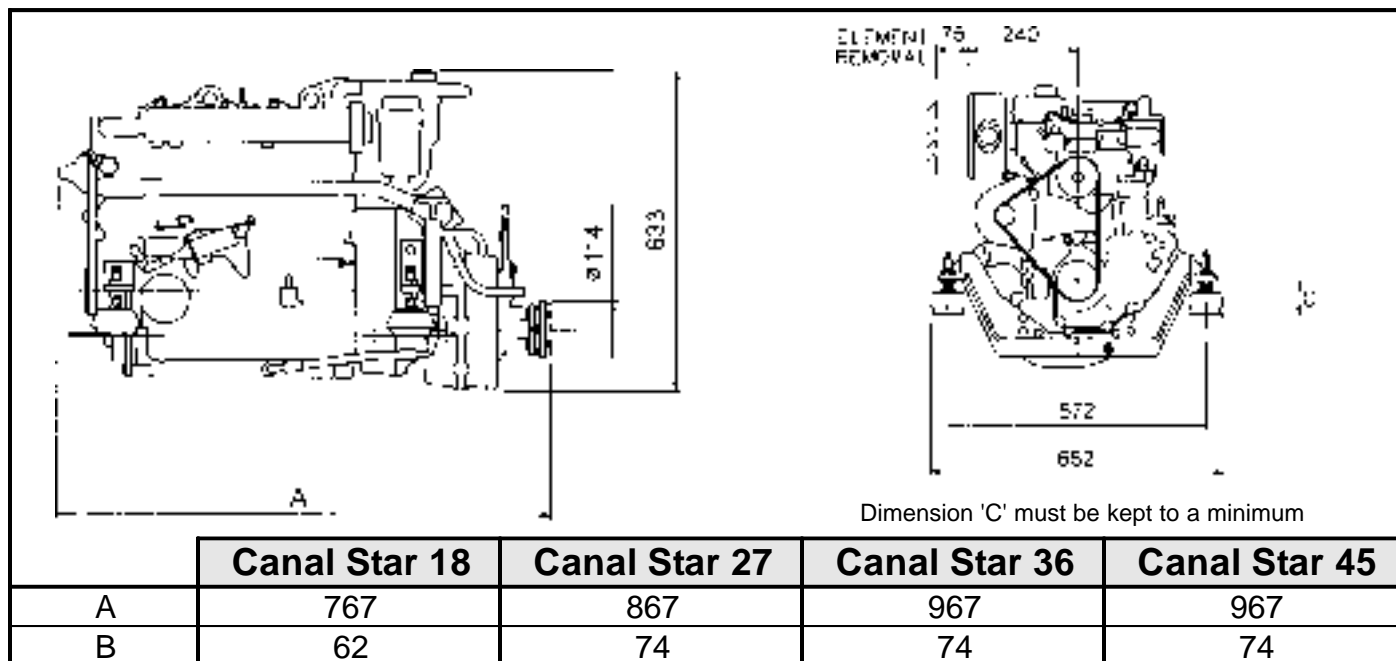
Owners of a Lister-Petter Canal Star engine who really want to get to know their engine are invited to attend a one day familiarisation course at our Dursley factory, free of charge. Courses for owners outside of the UK can be arranged locally through their Distributor.

Technical Data

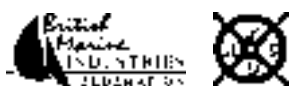
		Canal Star			
		18	27	36	45
Cylinders		2	3	4	4
Bore x Stroke	mm	86 x 80	86 x 80	86 x 80	86 x 80
Cubic capacity	cm ³	930	1395	1860	1860
Maximum power at flywheel	bhp	18	27	36	45
	r/min	2600	2600	2600	3000
Maximum torque at flywheel	Nm	53	80	106	112
	r/min	1800	1800	1800	2800
Off load idle speed	r/min	800	800	800	800
Fuel consumption (approx) at 1400 r/min	litre/hr	0.7	1.0	1.3	1.5
Oil sump capacity	litre	3.3	4.5	5.6	5.6
Net weight (dry)	kg	150	180	210	210
Propeller rotation		Clockwise viewed from the stern in forward gear			

Approximate Dimensions

The dimensions (mm) given are for guidance only and must not be used for installation purposes.



B is the distance of the gearbox output centre line above or below the underside of the engine bearer.



The information contained in this literature is correct at the time of publication. Lister-Petter reserves the right to change specifications without prior notice.

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