

LXB



MARINE PROPULSION ENGINES

PERFORMANCE DATA

ENGINE TYPE LXB 100	ENGINE TYPE LXB 150
Max. Power (100hp) (100hp) at 1000 rpm	Max. Power (150hp) (150hp) at 1000 rpm
Event and power take off - Maximum in 1st shift power = 100hp/1000rpm	Event and power take off - Maximum in 1st shift power = 150hp/1000rpm

NB: Maximum torque also given upon consultation by engine brand.
1 = 1 - Low speed (also up to 1000rpm/1000rpm)
1 = 2 - Mid speed (also up to 1000rpm/1000rpm)
1 = 2 - High speed (also up to 1000rpm/1000rpm)

GENERAL SPECIFICATION

Rate = 1000 rev/min (1000)	Capacity = 100 litres (1000)
Stroke = 100 mm (100)	Rotation = Anti-clockwise (1000)
Configuration = 4 cylinders in line	Sea dry weight = 100kg (1000kg) (1000kg) (1000kg)
Cycle = 4 stroke	100kg (1000kg) (1000kg) (1000kg)
Aspiration = Direct	100kg (1000kg) (1000kg) (1000kg)
Compression Ratio = 10:1	100kg (1000kg) (1000kg) (1000kg)

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GARDNER



LXB
REMAN



MARINE PROPULSION ENGINES

PERFORMANCE DATA

MAXIMUM

1800 RPM

Max. Power (1800rpm) (kW)

Max. Power (1800rpm) (HP)

Max. Torque (1800rpm) (kgm)

Max. Torque (1800rpm) (ft-lb)

Max. Fuel Consumption (liters/hr)

Max. Fuel Consumption (gallons/hr)

Max. Oil Consumption (liters/hr)

Max. Oil Consumption (gallons/hr)

Max. Exhaust Gas Temperature (°C)

Max. Exhaust Gas Temperature (°F)

Max. Vibration (mm/s)

Max. Noise (dB(A))

Max. Weight (kg)

Max. Weight (lb)

Max. Length (mm)

Max. Length (in)

Max. Width (mm)

Max. Width (in)

Max. Height (mm)

Max. Height (in)

Max. Diameter (mm)

Max. Diameter (in)

Max. Flange Diameter (mm)

Max. Flange Diameter (in)

Max. Mounting Flange Diameter (mm)

Max. Mounting Flange Diameter (in)

Max. Propeller Diameter (mm)

Max. Propeller Diameter (in)

Max. Propeller Hub Diameter (mm)

Max. Propeller Hub Diameter (in)

Max. Propeller Pin Diameter (mm)

Max. Propeller Pin Diameter (in)

Max. Propeller Pin Length (mm)

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Max. Propeller Pin Length (mm)

Max. Propeller Pin Length (in)

LIGHT DUTY

1800 RPM

Max. Power (1800rpm) (kW)

Max. Power (1800rpm) (HP)

Max. Torque (1800rpm) (kgm)

Max. Torque (1800rpm) (ft-lb)

Max. Fuel Consumption (liters/hr)

Max. Fuel Consumption (gallons/hr)

Max. Oil Consumption (liters/hr)

Max. Oil Consumption (gallons/hr)

Max. Exhaust Gas Temperature (°C)

Max. Exhaust Gas Temperature (°F)

Max. Vibration (mm/s)

Max. Noise (dB(A))

Max. Weight (kg)

Max. Weight (lb)

Max. Length (mm)

Max. Length (in)

Max. Width (mm)

Max. Width (in)

Max. Height (mm)

Max. Height (in)

Max. Diameter (mm)

Max. Diameter (in)

Max. Flange Diameter (mm)

Max. Flange Diameter (in)

Max. Mounting Flange Diameter (mm)

Max. Mounting Flange Diameter (in)

Max. Propeller Diameter (mm)

Max. Propeller Diameter (in)

Max. Propeller Hub Diameter (mm)

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Max. Propeller Pin Length (in)

GENERAL SPECIFICATION

Rate - 1800 rpm (1700)

Stroke - 100 mm (4 in)

Configuration - 4 cylinders in-line

Cycle - 4 stroke

Application - Diesel

Compression Ratio - 17:1

Capacity - 1000 litres (264 gal)

Rotation - Clockwise viewed from top

Net dry weight - 1000 kg

(2200 lbs) (includes cast iron base)

(4700 lbs) (includes cast iron base)

(2000 lbs) (includes cast iron base)

(4500 lbs) (includes cast iron base)

(2000 lbs) (includes cast iron base)

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(4500 lbs) (includes cast iron base)

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GARDNER

6LXB



6HLXB



AUTOMOTIVE REMANUFACTURED ENGINES

PERFORMANCE DATA

6LXB

Max. Power 100 hp (74.6 kW)
at 3000rpm (2670-3300)

Max. Torque 70.5 lbs (31.9 kN)
at 2000rpm (2670-3300)

6HLXB

Max. Power 100 hp (74.6 kW)
at 3000rpm (2670-3300)

Max. Torque 70.5 lbs (31.9 kN)
at 2000rpm (2670-3300)

GENERAL SPECIFICATION

Engine Size - Naturally aspirated,
4-cylinder, vertical, horizontal
in-line configuration

Displacement -
59.2 liters (3.6 cu ft)

Bore - 48.0 mm (1.91 in)

Stroke - 75.0 mm (3 in)

Dry Weight - 160 kg (353 lbs)

Specific Fuel Consumption -
160 g/kWh (0.16 lbs/kWh)
(0.48 BHP/hr)

Lube System Oil Capacity -
27 liters (7.2 gallons)

Cooling System Capacity -
14 liters (3.7 gallons)

Compression Ratio - 16:1

<http://www.gardner-engine.com>

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AUTOMOTIVE REMANUFACTURED ENGINES

ENGINE TYPE	POWER*			ENGINE TYPE	POWER*		
	HP	LBS.	KVA		HP	LBS.	KVA
400	95	151.2	100	400	100	151.2	100
400 2 year	95	151.2	100	400 2 year	100	151.2	100
400 3	95	151.2	100	400 3	100	151.2	100
400 4	95	151.2	100	400 4	100	151.2	100
400 5	95	151.2	100	400 5	100	151.2	100
400 6	95	151.2	100	400 6	100	151.2	100
400 7	95	151.2	100	400 7	100	151.2	100
400 8	95	151.2	100	400 8	100	151.2	100
400 9	95	151.2	100	400 9	100	151.2	100
400 10	95	151.2	100	400 10	100	151.2	100
400 11	95	151.2	100	400 11	100	151.2	100
400 12	95	151.2	100	400 12	100	151.2	100
400 13	95	151.2	100	400 13	100	151.2	100
400 14	95	151.2	100	400 14	100	151.2	100
400 15	95	151.2	100	400 15	100	151.2	100
400 16	95	151.2	100	400 16	100	151.2	100
400 17	95	151.2	100	400 17	100	151.2	100
400 18	95	151.2	100	400 18	100	151.2	100
400 19	95	151.2	100	400 19	100	151.2	100
400 20	95	151.2	100	400 20	100	151.2	100

*Minimum torque at 1500 RPM

GREEN ENGINE

As the premier engine industry manufacturer in keeping pollution levels down, we've got you covered. Our low-emission diesel engines are the most sophisticated ever built. Engine manufacturers use our sophisticated diesel engines to speed up their emissions testing and testing.

As a result, together with the premier engine industry, Gardner already enjoys the reputation for low-emission diesel engines. The commitment to the environment has been built into our business. It's why we're the industry leader in remanufactured engines.

All these Gardner "green" remanufactured engines are supplied in the volume, size and of frequency and consistency you need. A 100% quality control system is in place. Gardner remanufactured engines are the industry leader.

REMAN STANDARDS

Each engine is strictly remanufactured to the original performance standards of the Gardner engine that it replaced. Manufactured by the same skilled workers who originally designed

and constructed the engine. Each engine goes through a rigorous testing and check-out process using precision testing equipment.

BENEFITS

- An overall reputation for reliability and low maintenance costs.
- Reduced emissions, lower maintenance, power, fuel economy, longer engine life, and better performance.
- Reduced engine wear and tear, and lower maintenance costs.
- A 100% quality control system, and consistent performance.
- Long-lasting, reliable, and low maintenance costs.
- All engine types, including gas, diesel, and electric, are available in a wide range of sizes and configurations.
- A 100% quality control system, and consistent performance.
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- A 100% quality control system, and consistent performance.

GUARANTEE

- A 100% quality control system, and consistent performance.

THE ENVIRONMENT

Gardner has the industry's most advanced testing equipment. It's why we're the industry leader in remanufactured engines. We've got you covered. Our low-emission diesel engines are the most sophisticated ever built. Engine manufacturers use our sophisticated diesel engines to speed up their emissions testing and testing.

As a result, together with the premier engine industry, Gardner already enjoys the reputation for low-emission diesel engines. The commitment to the environment has been built into our business. It's why we're the industry leader in remanufactured engines.



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6LXB



6HLXB



AUTOMOTIVE PERFORMANCE DATA

6LXB

Max. Power 1000W
at 1000 rpm (100% VE)

Max. Torque 70 Nm (200% VE)
at 1000 rpm (100% VE)

6HLXB

Max. Power 1000W
at 1000 rpm (100% VE)

Max. Torque 70 Nm (200% VE)
at 1000 rpm (100% VE)

GENERAL SPECIFICATION

Engine Type - Manually operated,
4-stroke, vertical, overhead,
in-line four-cylinder diesel.

Replacement -
M220000 (pending)

Size - 120mm x 100mm

Stroke - 100mm (4")

Net Weight - 4.5kg (10lbs)

Specific Fuel Consumption -
minimum 200 gm/kWh
(0.044 lb/kWh)

Lube Oil Capacity -
20 litres (5 gallons)

Coolant System Capacity -
20 litres (5 gallons)

Compression Ratio - 15:1
15:1 compression ratio provides optimum

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