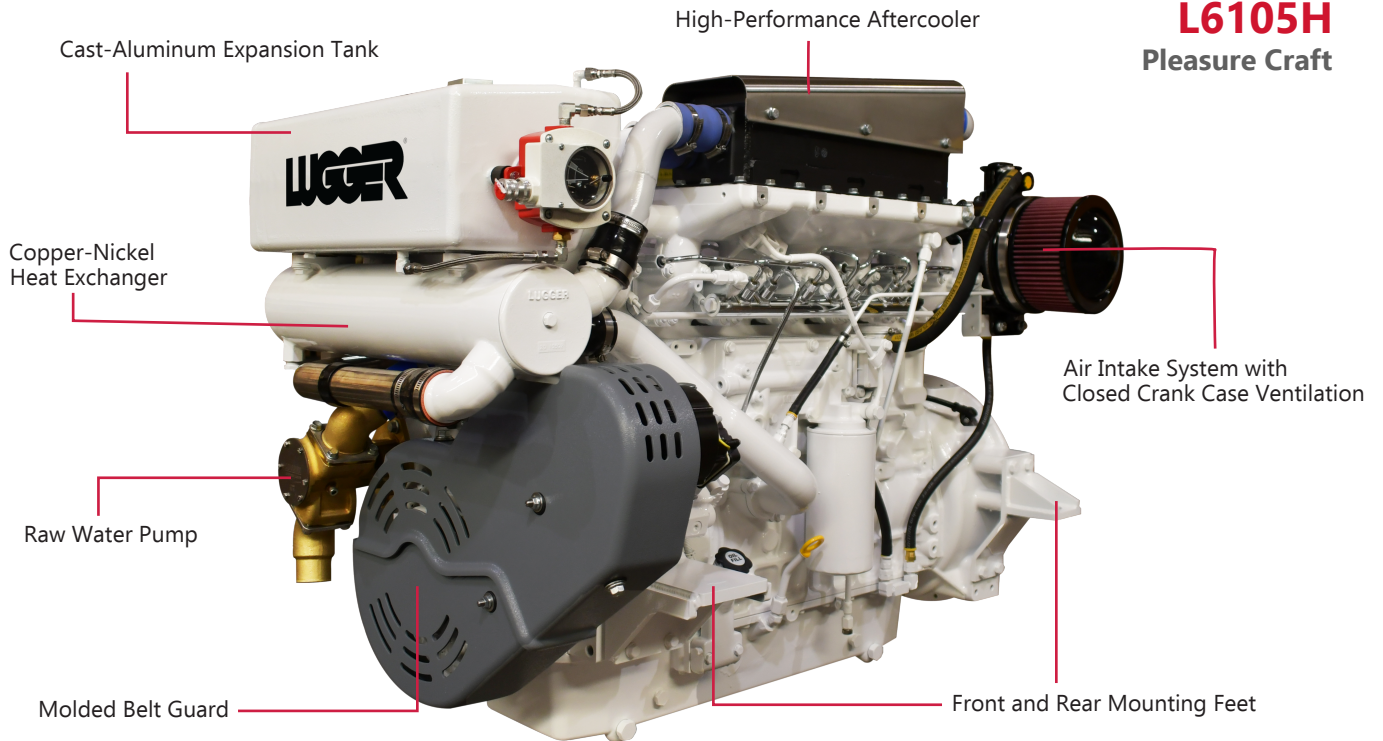




**L6105A**  
Continuous Duty  
Medium Duty  
High Output

**L6105H**  
Pleasure Craft



## FEATURES AND BENEFITS POWERED BY LUGGER

- Designed for smallest possible footprint without sacrificing serviceability
- Minimal belts and hoses for longer life
- Reliable cast-iron, gear driven freshwater and silicon bronze raw water pump, keel-cooling optional for A models

### ENGINE BLOCK

- Six cylinder, four cycle, in-line, liquid cooled, overhead valve marine diesels with replaceable wet liners
- Forged crankshaft
- Individual cylinder heads for ease of service
- Naturally smooth operation from the inline six cylinder arrangement
- Heavy duty, plate-type oil cooler
- Ladder frame on lower block easily handles higher power levels
- Shaker pistons with oil gallery for improved cooling and performance

### WORLD CLASS FEATURES

- Belt guard for operator safety
- Cast-iron thermostat housing for long life
- Closed loop crankcase vent keeps oil vapor inside the engine
- Jacket-water cooled, cast iron exhaust manifold for operator safety and temperature control
- Jacket-water cooled turbocharger turbine housing for safety
- Electronically controlled, high pressure common rail, fuel injection system
- Copper-nickel heat exchanger with removable end covers for easy cleaning
- Sparking white two-part polyurethane paint
- Operator and parts manuals
- Optional stainless steel, wet exhaust elbow rotates for easy installation

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## L6105A / L6105H

### Lugger Diesel Engine Data

Inline Cylinders / Aspiration / Operating Cycle	I-6 / Turbo-Aftercooled / 4 - Stroke			
Displacement - in <sup>3</sup> (ltr)	439 (7.2)			
Bore / Stroke - in (mm)	4.13 (105) / 5.39 (137)			
Flywheel Housing Size / Flywheel Size	SAE #3 / 11.5			

	L6105A1	L6105A2	L6105A3	L6105H1
Duty Factor	Continuous Duty	Medium Duty	High Output	Pleasure Craft
Power - FWHP (KW) @ RPM	255 (190) @ 2100	315 (235) @ 2250	380 (283) @ 2500	425 (317) @ 2500

### Cooling System (Heat Exchanger Standard, Keel-Cooling Optional)

	Jacket-Water	Jacket-Water	Jacket-Water	Raw-Water
Aftercooling Type	Jacket-Water	Jacket-Water	Jacket-Water	Raw-Water
Freshwater Pump Capacity - gpm (lpm)	67 (255)	71 (270)	77 (290)	77 (290)
HE Approx. Cooling Capacity - gal (ltr)	11.3 (43)	11.3 (43)	11.3 (43)	10.3 (238)
KC Approx. Cooling Capacity - gal (ltr)	9.9 (32.5)	9.9 (37.5)	9.9 (37.5)	8.8 (33.3)
Raw Water Pump Capacity - gpm (lpm)	56 (211)	61 (231)	63 (238)	63 (238)
Max. Raw Water Pump Suction Head Lift - in (mm)	39 (1000)	39 (1000)	39 (1000)	39 (1000)
Raw Water Pump Inlet Hose ID - in (mm)	2 (51)	2 (51)	2 (51)	2 (51)
Min. Raw Water Inlet / Discharge Thru-Hull - in (mm)	2 (51)	2 (51)	2 (51)	2 (51)

### DC Electrical (12V Standard, 24V Optional)

DC Starting Voltage - Standard (Optional)	12 (24)	12 (24)	12 (24)	12 (24)
Min. Battery Capacity - amp hr / 12V CCA (24V CCA)	150 (C/F)	150 (C/F)	150 (C/F)	150 (C/F)
Battery Size - CCA 12VDC (24 VDC)	900 (C/F)	900 (C/F)	900 (C/F)	900 (C/F)
Starter Rolling Amps @ 0°C - 12VDC (24VDC)	C/F	C/F	C/F	C/F
12 Volt Battery Cable Size Up to 10 ft (3m) - mm <sup>2</sup> (gage)	50 (1/0)	50 (1/0)	50 (1/0)	50 (1/0)

### Air

Air Consumption - m <sup>3</sup> / m (cfm)	17.9 (631)	20.9 (738)	22.1 (780)	24.8 (876)
Approx. Heat Radiated to Air - BTU / min	1657.50	2047.50	2470.00	2762.50
Exhaust Gas Volume - kg / hr (lb / min)	1242 (45.6)	1454 (53.4)	1535 (56.4)	1709 (63)
Exhaust Gas Temp - C° (F°)	342° (647°)	388° (730°)	483° (901°)	470° (878°)
Max. Exhaust Back Pressure - in H <sup>2</sup> O (mm H <sup>2</sup> O)	30 (762)	30 (762)	30 (762)	30 (762)
Wet Exhaust Elbow OD - in (mm)	5 (127)	5 (127)	5 (127)	5 (127)
Dry Exhaust Elbow - in (mm)	4 (101.6)	4 (101.6)	4 (101.6)	4 (101.6)

### Fuel

Approx. Fuel Rate at Full Load - gph (lph)	13.1 (49.6)	16.9 (64)	21 (79.7)	23 (87.1)
Fuel Injection Pump Type and Control	Electronic (HPCR)			
Min. Suction Line Size - in (mm)	0.375 (9.525)			
Min. Return Line Size - in (mm)	0.375 (9.525)			
Max. Fuel Transfer Pump Suction Lift - ft (m)	3.28 (1)			

### Dimensions and Weight Do not use for installation. Contact factory for installation drawings and info.

Length - in (mm)	55 (1394)
Width - in (mm)	36 (912)
Height - in (mm)	42 (1062)
Weight - lbs (kg)	1769 (802)

### Max Engine Operating Down Angle

Continuous (Fore/Aft)	10°
Continuous (Side to Side)	22.5°

C/F: Consult factory

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Information and dimensions are subject to change without notice.