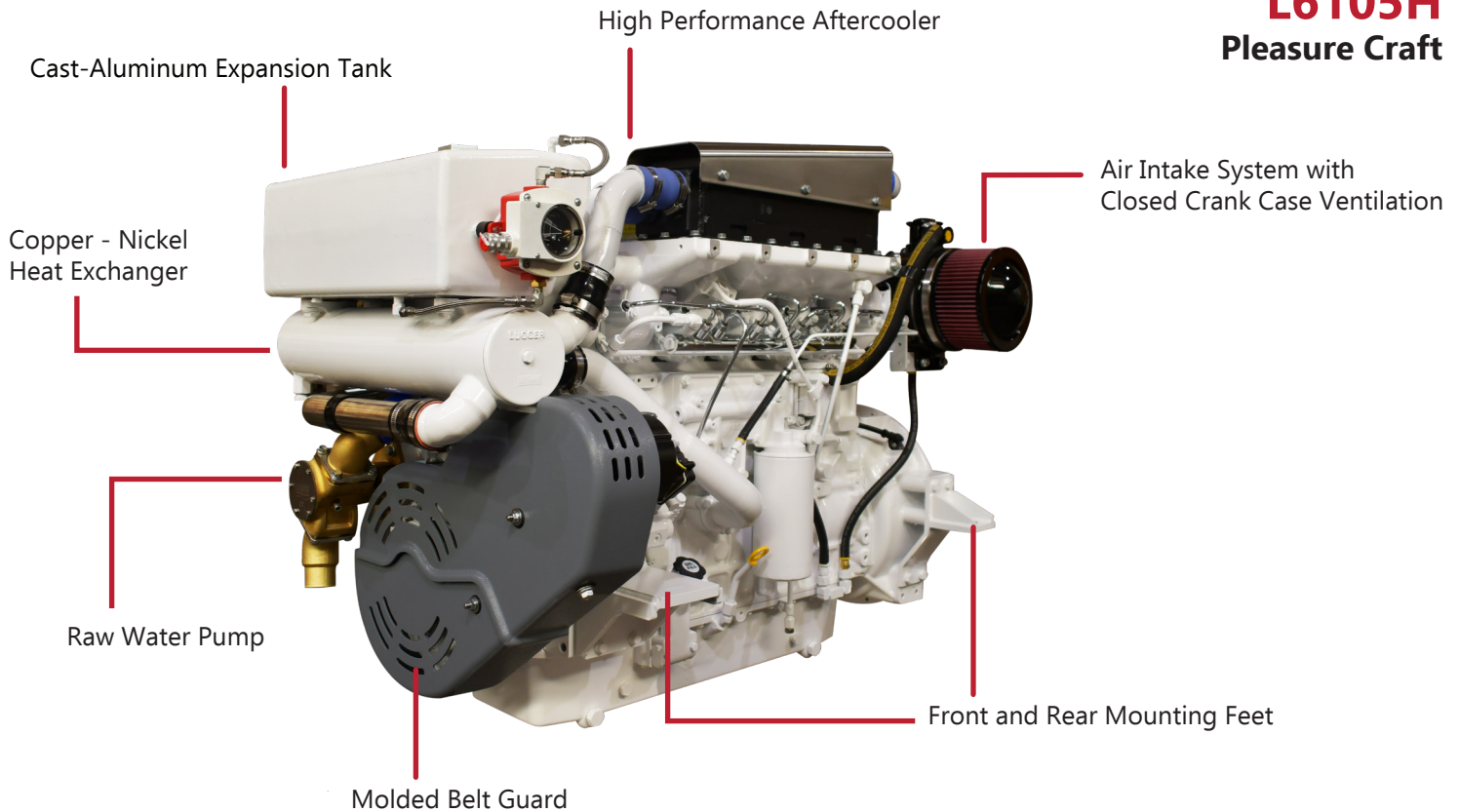




L6105A
Continuous Duty
Medium Duty
High Output

L6105H
Pleasure Craft



FEATURES & BENEFITS

Powered by LUGGER

- Designed for the 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

ENGINE BLOCK

- Six cylinder, four cycle, inline, liquid cooled, overhead valve marine diesels with replaceable wet liners
- Forged crankshaft
- Individual cylinder heads for ease of service
- Heavy-duty, plate-type oil cooler
- 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 crank case 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
- Copper-nickel heat exchanger with removable end covers for easy cleaning
- Sparkling white two-part polyurethane paint
- Operator and parts manual
- Optional stainless steel, wet exhaust elbow rotates for easy installation



L6105A / L6105H

Dimensions and Weight

Length - in (mm)	55 (1394)
Width - in (mm)	37.6 (955)
Height - in (mm)	42 (1062)
Weight - lbs (kg)	1769 (802)

Lugger Diesel Engine Data

Inline Cylinder / Aspiration / Operating Cycle	I-6/Turbo-Aftercooled/4-Stroke
Displacement - in ³ (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)
Heat Exchanger Approx. Cooling Capacity - gal (ltr)	11.3 (43)	11.3 (43)	11.3 (43)	10.3 (39)
Engine Only Approx. Cooling Capacity - gal (ltr)	9.9 (37.5)	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

	L6105A1	L6105A2	L6105A3	L6105H1
DC Starting Voltage Standard (Optional)	12 (24)	12 (24)	12 (24)	12 (24)
Min. Battery Capacity - amp hr	150	150	150	150
Min. Battery Size - CCA	900	900	900	900
Starter Rolling Amps at 0°C - 12V (24V)	500 (C/F)	500 (C/F)	500 (C/F)	500 (C/F)
12 Volt Battery Cable Size Up to 5ft (1.5m) - mm ²	50	50	50	50

Air

	L6105A1	L6105A2	L6105A3	L6105H1
Air Consumption - m ³ /m (cfm)	18.6 (657)	21.5 (759)	23.7 (836)	25.8 (911)
Approx. Heat Radiated to Air - BTU/min	1658	2048	2470	2763
Exhaust Gas Volume - kg/hr (lbs/min)	1227 (45)	1421 (52)	1556 (57)	1664 (62)
Exhaust Gas Temp. - C°(F°)	376° (709°)	426° (744°)	521° (970°)	516° (961°)
Max. Exhaust Back Pressure - in H ² O (mm H ² O)	30 (765)	30 (765)	30 (765)	30 (765)
Wet Exhaust Elbow OD - in (mm)	5 (127)	5 (127)	5 (127)	5 (127)
Dry Exhaust Elbow - in (mm)	4 (102)	4 (102)	4 (102)	4 (102)

Fuel

	L6105A1	L6105A2	L6105A3	L6105H1
Approx. Fuel Rate at Full Load - gph (lph)	13.8 (49)	18 (68)	22.4 (84.8)	24.6 (93.3)
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)			
Max. Fuel Flow to Transfer Pump - gph	C/F			
Max. Fuel Return Line - psi	5			

Max Engine Operating Angle

Continuous - Fore/Aft	10°
Continuous - Side to Side	22.5°

C/F : Consult Factory