

LPWT4 ALPHA MARINE PROPULSION ENGINE



The **Lister Petter LPWT4 Alpha Marine Propulsion Engine** is designed for small offshore boats, workboats, and pleasure crafts. Offering a power range of **20.9 kW to 37.5 kW**, this engine ensures reliable performance in various maritime conditions.

Key Features

- Raw water cooling for efficient heat dissipation.
- Direct fuel injection for enhanced fuel efficiency.
- Turbocharged options available for higher performance.
- Long service intervals of up to 500 hours.
- Engine configurations suited for different boat sizes and uses.

P2 Duty Cycle

- **Application:** Continuous
- **Engine Load Variations:** Moderate
- **Average Engine Load Factor:** 50% – 80%
- **Annual Working Time:** 2,000 – 4,000 hours
- **Time at Full Load:** 6 hours per 12-hour cycle

Technical Specifications

| | |
|---------------------|----------------------|
| Power | 20.9 kW to 37.5 kW |
| Engine Speed | 1500 RPM to 3000 RPM |
| Fuel Consumption | 8.8 l/h at 2500rpm |
| Number of Cylinders | 4 |

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|--------------------|--|
| Displacement | 1.86 liters |
| Bore & Stroke | 86mm & 80mm |
| Compression Ratio | 16.2:1 |
| Cooling System | Raw water heat exchanger |
| Lubrication System | Full-flow oil filter, cooled lube oil system |
| Fuel System | Direct fuel injection |
| Electrical System | 12V or 24V depending on model |

Operating Conditions

- **Ambient Temperature:** -32°C to 52°C
- **Barometric Pressure:** 100 kPa
- **Relative Humidity:** 30% R

Applications

The **Lister Petter LPWT4 Alpha Marine Propulsion Engine** is ideal for the following applications:

- Fishing Vessel
- Pleasure Boat