

OXE300 Product Sheet



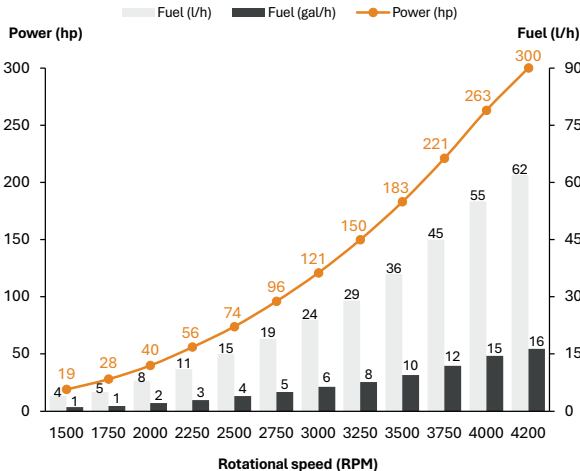
The **OXE Diesel** is powered by a modern, automotive-derived diesel engine, marinized in a standard inboard layout with **closed cooling circuit** and easy access to maintenance components. Its advanced transmission system features a **hydraulic-electric multi-disc clutch**, engineered for **high-load duty cycles** and **frequent shifting**. This setup enables smooth transitions during operation, trolling mode, and allows for emergency crash-stop procedures.

Delivering **300 hp** and **945 Nm*** peak torque at **2,250 RPM**, the OXE300 is extremely fuel-efficient, consuming just **62–64 l/h** at **wide-open throttle**. This results in **fuel savings of 30–40%** and up to **60% more range** compared to gasoline alternatives. The unit supports propellers up to **17" in diameter** and is available in configurations optimized for **high-speed or high-torque applications**. All models comply with **EPA Tier III, IMO Tier II, EU RCD, and BKI** emission standards, with the production facility in Poland meeting **ISO9001** and **ISO14001** standards.

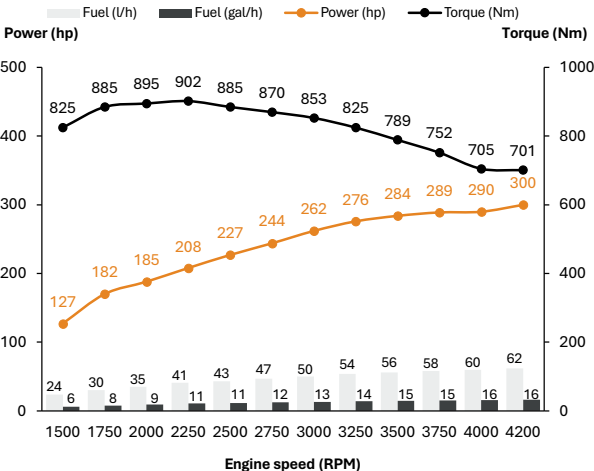


| TECHNICAL SPECIFICATION | | |
|-------------------------|--|---|
| Engine Overview | Engine Type | Diesel, L6. (Base block by BMW) |
| | Intake | Bi-Turbocharged |
| | Power | 300 hp |
| | Fuel Consumption | 62–64 l/h / 16.4–16.9 gal/h |
| | Noise (RCD tested) | 70.8 dB |
| | Peak Torque | 945 Nm* |
| | Engine Displacement | 3.0 l |
| | Engine Position (from Base Automotive Block) | Unmodified (horizontal) |
| | Engine Marinization Type | Standard Inboard Configuration |
| | Max RPM | 4200 RPM (±100) |
| Outboard Configuration | Weight | 430 kg / 948 lbs (25") and 435 kg / 959 lbs (33") |
| | Rig Length | 25" or 33" |
| | Steering | Approved for Dometic and Ultraflex Steering |
| Transmission | Rating | Light-Duty Commercial |
| | Transmission | Hydraulic Multidisc |
| | Rapid Gear Shift Capability | Yes |
| | Crash Stop Capability | Yes |
| | Low Speed Capabilities | Yes |
| Cooling | Gear Ratio | 1.39:1 |
| | Cooling | Glycol Closed Cooling Circuit |
| | Water Pump | Replaceable Rubber Impeller, Serviceable From Transom |
| | Max Sea Water Temp | 40°C / 104°F |
| Electrical | Ambient Temperature | 50°C / 122°F |
| | Max Alternator Output | 180 AMP |
| Prop Sizing | Alternator Output for Onboard Equipment | 120 AMP |
| | Slimmed Lower Housing for Reduced Drag | Yes |
| | Max Prop Sizing | 17" |

Propeller Chart



Full-Load Torque Curve (Installed Engine)



*In reference to the engine's maximum power output, OXE Marine applies a 4.5% transmission loss factor in fuel and power-related publications. This may result in a referenced peak torque of 902 Nm, based on a single engine. After the break-in period, both horsepower and torque typically increase beyond the stated reference values.