

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-disk 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.

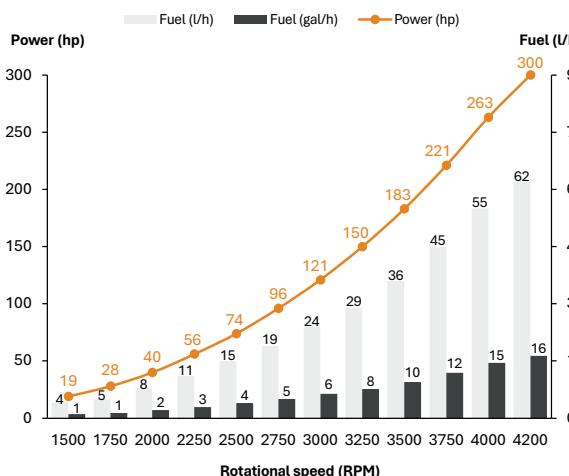


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TECHNICAL SPECIFICATION

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
Cooling	Low Speed Capabilities	Yes
	Gear Ratio	1.39:1
	Cooling	Glycol Closed Cooling Circuit
Electrical	Water Pump	Replaceable Rubber Impeller, Serviceable From Transom
	Max Sea Water Temp	40°C / 104°F
	Ambient Temperature	50°C / 122°F
Prop Sizing	Max Alternator Output	180 AMP
	Alternator Output for Onboard Equipment	120 AMP
Prop Sizing	Slimmed Lower Housing for Reduced Drag	Yes
	Max Prop Sizing	17"

Propeller Chart



Full-Load Torque Curve (Installed Engine)

