

High-Speed Marine Diesel Engine

This high-speed marine diesel engine increases water filters to make fuel cleaner, protecting the injector and high-pressure pump effectively and prolonging working life. The indicators of mean effective pressure and power are leading in the world.



ADDITIONAL IMAGES



Overview



A robust marine diesel engine designed for high-performance propulsion and power generation.



Compact design ensures high power output while maintaining ease of installation in various vessel types.

High-Performance Marine Diesel Engine

This high-speed marine diesel engine is engineered for both propulsion and power generation applications. Its compact design facilitates easier installation and transportation, while advanced piston ring and valve sealing techniques significantly reduce fuel consumption. Built for durability, the engine features high-frequency hardening on critical components to improve fatigue strength and wear resistance, supporting an overhaul interval exceeding 10,000 hours.

Technical Specifications

Engine Model Specifications

Model	Cylinders	Aspiration	Displacement (L)	Bore*Stroke (mm)	Weight (kg)	Dimensions (mm)
ZH495C	L 4	NA	3.26	95*115	330	950*660*950
ZH4100C	L 4	NA	3.61	100*115	330	950*660*950
ZH495ZC	L 4	TC	3.26	95*115	340	950*660*980
ZH4100ZC	L 4	TC	3.61	100*115	340	950*660*980

Key Features

Durability & Maintenance

10000 hours

Overhaul Interval

Maintenance Highlights

- Enhanced water filtration system
- Protects injectors and high-pressure pumps
- High-frequency hardening on shaft diameters
- Specialized piston ring and valve sealing

Certifications

Standards & Compliance

ISO 9001:2008, CE, TÜV Rheinland