

6.5L V8 Marine Diesel Engine

This naturally aspirated 6.5L displacement V8 engine features a mechanical injection system. Rated for medium duty commercial use, it delivers an output below 25kW/L and ensures long-lasting durability.



ADDITIONAL IMAGES



Overview

High-Performance 6.5L V8 Marine Diesel Engine

This 6.5L V8 marine diesel engine is engineered for reliable power and longevity in demanding marine environments. Featuring an indirect injection (IDI) system and a naturally aspirated design, it provides smooth, consistent performance for a variety of vessels. The unit is built with a durable 356 aluminum exhaust system and a closed cooling loop to ensure efficient operation and ease of maintenance.

Technical Specifications

Configuration

Parameter	Value
Engine Type	V8
Injection Type	IDI
Displacement	6.5L
Bore x Stroke	103 x 97 mm
Compression Ratio	18:1
Rotation (from flywheel)	Counterclockwise

Firing Order

1-8-7-2-6-5-4-3

Performance Metrics

Oil Pressure

6 psi

Min at Idle

30 psi

Min at 2000rpm (Range Start)

43 psi

Min at 2000rpm (Range End)

Operational Parameters

Operating Temperature	70 °C
Dry Weight	410 kg
Oil Change Interval	100 hrs

Systems

Engine Systems

- Injection System: Stanadyne Mechanical
- Cooling System: Closed cooling
- Boost System: Naturally aspirated
- Exhaust System: 356 aluminum with A4 stainless steel raiser

Compliance

Emissions Compliance	EC 2003/44, EPA, IMO
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