

4HD76

76 hp (56 kW)

BENEFITS

- **RELIABILITY:** The 4HD76 is built with a cast-iron crankcase, cast-iron cylinder block and cast-iron cylinder head. The 4HD76 is built to last.
- **REPAIRABILITY:** The 4HD76 is built with a cast-iron crankcase, cast-iron cylinder block and cast-iron cylinder head. The 4HD76 is built to last.
- **MAINTENANCE:** The 4HD76 is built with a cast-iron crankcase, cast-iron cylinder block and cast-iron cylinder head. The 4HD76 is built to last.
- **EXHAUST SYSTEM:** The 4HD76 is built with a cast-iron crankcase, cast-iron cylinder block and cast-iron cylinder head. The 4HD76 is built to last.
- **FUEL INJECTION SYSTEM:** The 4HD76 is built with a cast-iron crankcase, cast-iron cylinder block and cast-iron cylinder head. The 4HD76 is built to last.
- **PROTECTIVE TRAINING:** The 4HD76 is built with a cast-iron crankcase, cast-iron cylinder block and cast-iron cylinder head. The 4HD76 is built to last.



STANDARD EQUIPMENT

- Cast-iron crankcase, cast-iron cylinder block, cast-iron cylinder head
- Cast-iron water pump
- Cast-iron alternator
- Cast-iron cooling fan
- Cast-iron water pump
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OPTIONAL EQUIPMENT

- Cast-iron crankcase, cast-iron cylinder block, cast-iron cylinder head
 - Cast-iron water pump
 - Cast-iron alternator
 - Cast-iron cooling fan
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- Classification Series Certification**
 The 4HD76 is built to last. It is built with a cast-iron crankcase, cast-iron cylinder block and cast-iron cylinder head. The 4HD76 is built to last.



Perkins

4HD76 76 hp (55.9kW)

POWER CURVE



Important information

1. The engine output is given without any accessories.
2. Net power is the power available at the engine output after deducting the power consumed by the engine accessories.
3. Actual engine output will depend on engine speed, ambient conditions, altitude, etc.

FUEL CONSUMPTION CURVE



Important information

1. The engine output is given without any accessories.
2. Actual engine output will depend on engine speed, ambient conditions, altitude, etc.

GENERAL DATA

Model	4HD76	Compression Ratio	16.5:1
Stroke	100 mm (3.94 in)	Injection	Common Rail
Configuration	Horizontal in-line	Valves	20 (10 Intake/10 Exhaust)
Block	Aluminum	Cooling	Water Pump/Thermostat
Aspiration	Natural	Max. Output	55 kW (75 hp) @ 2200 rpm

TYPICAL APPLICATIONS

The 4HD76 is suitable for a wide variety of in-line Paving Gull, such as Longlines, Pallets, Rollers, etc.

ENGINE DIMENSIONS



Dimensions are subject to change without notice.



Perkins Power Sales and Service Limited

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Perkins

HD POWER

6HD310T 310 bhp (228 kW)

KEY FEATURES

- **RELIABILITY** – Proven design and construction for maximum uptime and productivity
- **EFFICIENCY** – 100% water-cooled diesel engine – clean, quiet and easy to maintain
- **PRODUCTIVITY** – Proven design and construction for maximum uptime and productivity
- **LOW COST OF OWNERSHIP** – Proven design and construction for maximum uptime and productivity
- **EXCELLENT SERVICE** – Proven design and construction for maximum uptime and productivity
- **EMERGENCY SERVICE** – Proven design and construction for maximum uptime and productivity
- **EXCELLENT SERVICE** – Proven design and construction for maximum uptime and productivity
- **EXCELLENT SERVICE** – Proven design and construction for maximum uptime and productivity



STANDARD EQUIPMENT

- 100% water-cooled diesel engine
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OPTIONAL EQUIPMENT

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Perkins

Main engines

6HD310T 310 bhp (227kW)

POWER CURVE



1 Gross Power (227 kW) (310 bhp)
2 Net Power (207 kW) (280 bhp)

FUEL CONSUMPTION CURVE



1 Gross Fuel Consumption (100 kg/hr)
2 Net Fuel Consumption (95 kg/hr)

GENERAL DATA

Model	6HD310T	Configuration	6 Cyl
Stroke	140 mm	Capacity	16.2 litres (44.5 US gal)
Displacement	16.2 litres (44.5 US gal)	Injection	Electronic unit injection
Type	Water	Aspiration	Charge air cooler (CAC) optional
Aspiration	Charge air cooler (CAC) optional	Weight (with CAC)	2200 kg (4850 lbs) (with CAC)

TYPICAL APPLICATIONS

Ideally suited for a variety of marine vessels, including motor yachts, cruisers and ferries, as well as for recreational and work boats, ferry boats, tugboats, log skidders, work boats, supply vessels.

DIMENSIONS



 **Perkins**
Marine engines

Perkins Engine Limited, Perthway, Warrington, England

Perkins Engine Limited, 20000 17th Avenue, Irvine, CA, USA
Perkins Engine Limited, 20000 17th Avenue, Irvine, CA, USA



Perkins

HDPower

8HD215T 215 bhp (160kW)

BENEFITS

- Reliability** - The 8HD215T is a proven engine for the construction, mining, agriculture, forestry, and marine markets. It has a proven track record for long life and low maintenance costs.
- Efficiency** - The 8HD215T is a highly efficient engine with a low fuel consumption rate. It also has a low oil consumption rate, which helps to reduce operating costs.
- Flexibility** - The 8HD215T is a highly flexible engine that can be configured to meet the needs of a wide range of applications. It is available in a variety of configurations, including different power ratings and emission levels.
- Low Total Cost of Ownership** - The 8HD215T is a highly durable engine with a long service life. It also has a low maintenance cost, which helps to reduce the total cost of ownership.
- Low Noise** - The 8HD215T is a highly quiet engine with a low noise level. This makes it suitable for use in a wide range of applications, including those where noise is a concern.
- Low Emissions** - The 8HD215T is a highly compliant engine with low emissions. It meets the requirements of a wide range of emission regulations, including those in Europe, North America, and Asia.
- Wide Range** - The 8HD215T is a highly versatile engine that can be used in a wide range of applications. It is available in a variety of configurations, including different power ratings and emission levels.
- Wide Technical Support** - The 8HD215T is supported by a wide range of technical services, including spare parts, training, and technical support. This helps to ensure that the engine is always running smoothly and efficiently.
- Product Training** - Perkins offers a range of product training courses for the 8HD215T, covering topics such as engine operation, maintenance, and troubleshooting.



STANDARD EQUIPMENT

- | | |
|---|---|
| <ul style="list-style-type: none"> • 12V 240Ah battery • 12V 240Ah battery with 200Ah capacity • 12V 240Ah battery with 100Ah capacity • 12V 240Ah battery with 50Ah capacity • 12V 240Ah battery with 25Ah capacity | <ul style="list-style-type: none"> • 12V 240Ah battery with 10Ah capacity • 12V 240Ah battery with 5Ah capacity • 12V 240Ah battery with 2.5Ah capacity • 12V 240Ah battery with 1.25Ah capacity • 12V 240Ah battery with 0.625Ah capacity |
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OPTIONAL EQUIPMENT

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|---|--|
| <ul style="list-style-type: none"> • 12V 240Ah battery with 10Ah capacity • 12V 240Ah battery with 5Ah capacity • 12V 240Ah battery with 2.5Ah capacity • 12V 240Ah battery with 1.25Ah capacity • 12V 240Ah battery with 0.625Ah capacity | <ul style="list-style-type: none"> • 12V 240Ah battery with 0.3125Ah capacity • 12V 240Ah battery with 0.15625Ah capacity • 12V 240Ah battery with 0.078125Ah capacity • 12V 240Ah battery with 0.0390625Ah capacity • 12V 240Ah battery with 0.01953125Ah capacity |
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Classification Society Certification
 The 8HD215T is certified by the following classification societies:

Perkins
 Marine engines



8HD215T

215 bhp (160kW)

POWER CURVE



Notes: 1. Maximum power is limited by the engine speed. 2. Maximum torque is limited by the engine speed. 3. Fuel consumption is limited by the engine speed. 4. The engine is designed for continuous operation at 1800 rpm.

FUEL CONSUMPTION CURVE



Notes: 1. Fuel consumption is limited by the engine speed. 2. The engine is designed for continuous operation at 1800 rpm.

GENERAL DATA

Model	8HD215T	Compression Ratio	16.5:1
Stroke	147 mm (5.8 in)	Ignition	Electronic (COP)
No. of cylinders	6 (arranged in 2 V's)	Injection	Direct injection (common rail)
Engine	Four stroke	Timing	Overhead valves (OHV)
Injection	Common Rail Diesel	Net Weight	1250 kg (2750 lbs) (with oil)

TYPICAL APPLICATIONS

For use in all types of heavy duty industrial applications, such as pumps, conveyors, lifting, work, mining and construction.

DIMENSIONS



Dimensions are subject to change without notice.

Perkins
Marine engines

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