

# N4.115 engine

84.6 kW (115 hp) at 2600 rpm

## Kubota engine base

Originating from the latest generation diesel engines developed by Kubota, the N4.115 marine engine is regarded as an ideal solution for sailing yachts as well as sport fishing boats.

## Ease of use

Given its 3.8 litres cylinder capacity and its new direct injection system (E-CDIS) with its 4 valves per cylinder, the ease of use of the N4.115 will make it an ideal engine for your boat.

The maximum torque is already developed at low rpm allowing you to cruise more quietly with less fuel consumption. Its two balancing shafts as well as a special piston coating further reduce the sound level and vibrations emitted by the engine.

## Powerful and compact

Used on heavy sailing boats, the N4.115 proves its robustness and its reliability. Its small dimensions allow it to be fitted into compartments normally designed for engines with a lot less cylinder capacity. This engine will be your best friend during fishing trips or your offshore navigations.

## Protecting the environment

The N4.115 complies with the most stringent emission regulations in the world : EU-RCD, US-EPA, BSO

The fact that the most prestigious shipyards have put their trust into this engine speaks for its quality and reliability.

## Main characteristics

- Big displacement
- E-CDIS injection system
- Optimized cooling system
- Turbo compressor & Intercooler

## Available transmissions

- ZF25 (hydraulic)
- ZF25A26 (hydraulic) 8° angle
- ZF45A (hydraulic) 8° angle
- ZF45-1 (hydraulic)
- TTMC5A (mechanical) 7° angle
- TTM40A (hydraulic) 8° angle
- TM345 (hydraulic)
- TM345A (hydraulic) 8° angle

## Applications

- Sailing boat
- Displacement hulls
- Semi-planning hulls
- Planning hulls

## Technical specifications

<b>Engine base</b>	Kubota
<b>Rated power (kW/hp)*</b>	84.6 / 115
<b>Rated rpm (rpm)*</b>	2600
<b>Displacement (cm<sup>3</sup>/in<sup>3</sup>)</b>	3769 / 230
<b>Number of cylinders</b>	4 in line
<b>Bore and stroke (mm/in)</b>	100 x 120 / 3.93 x 4.72
<b>Compression ratio</b>	21.8:1
<b>Combustion system</b>	Direct (E-CDIS)
<b>Intake</b>	Turbo compressor & intercooler
<b>Cooling</b>	Closed cooling with heat exchanger
<b>El. equipment / Alternator</b>	12V / 100A or 24V / 55A
<b>Instrument panel</b>	C4
<b>Transmission</b>	Mechanical or hydraulic transmission
<b>Engine Max Install. Angle</b>	7° (static)
<b>Certifications</b>	EPA level, BSO, EU-RCD
<b>Dry weight with TM345A (kg/lb)</b>	378 / 833.35
<b>Connections diameter</b>	
<b>Exhaust (mm/in)</b>	104 / 4.09
<b>Fuel (mm/in)</b>	8 / 0.31
<b>Sea Water (mm/in)</b>	32 / 1.26

\* At engine flywheel, according to ISO 8665-1

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## Standard equipment

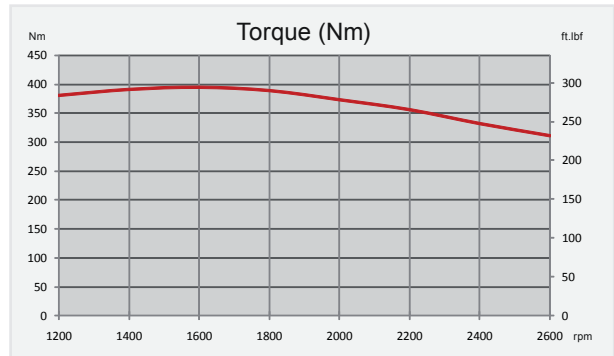
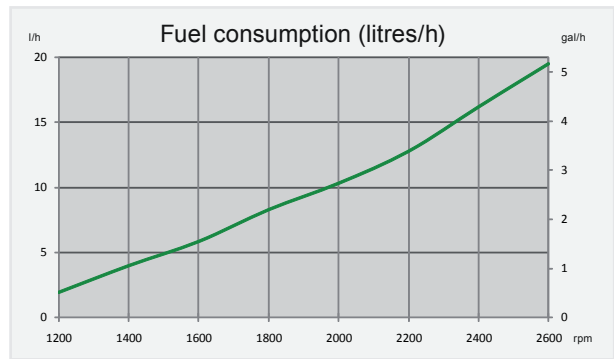
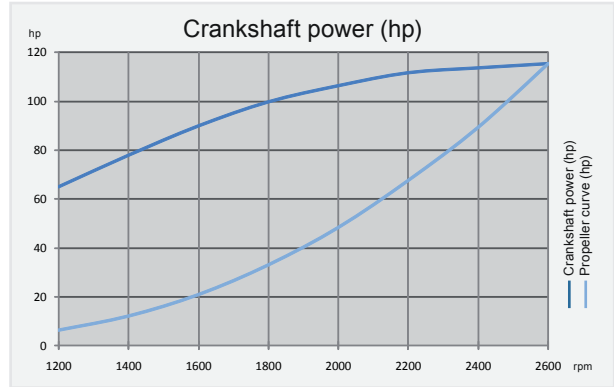
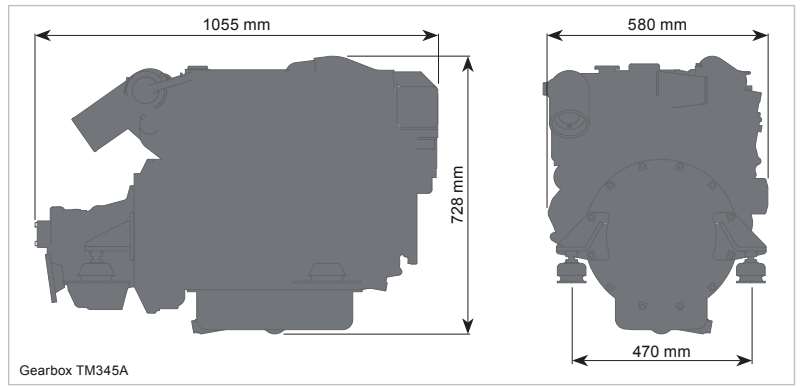
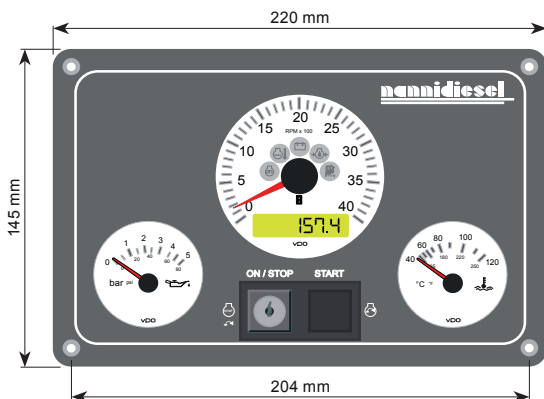
- Warranty certificate
- Fresh Water Cooled Exhaust Manifold
- Exhaust elbow
- Closed cooling with heat exchanger
- 4 meter electrical harness
- Fuel filter
- Oil filter
- Mechanical or hydraulic gearbox
- Owner's manual
- Sea water pump
- Coolant circulating pump
- In line injection pump
- Fuel feed pump
- Oil extraction pump
- Control cables mounting points
- Electrical stop
- Flexible engine mounts
- Electrical system 12V
- Thermostat

## Optional equipment

- Additional alternators
- Trolling valve
- Two pole electrical system
- Electrical system 24V
- PTO Pulley
- Keel Cooling
- Remote control
- Sea water hoses
- Fuel hoses
- Sea water filter
- Flexible coupling
- Exhaust system

## C4 panel

- Ignition key / Start button
- Tachometer and hour meter / Voltmeter
- Oil pressure indicator
- Coolant temperature indicator
- Battery charge warning light
- Engine oil pressure warning light
- Water in fuel filter warning light
- Coolant temperature warning light
- Preheating warning light



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