

4.340TDI engine

95.7 kW (130 hp) at 2600 rpm

Kubota engine base

Nanni Diesel has forged a strong partnership with Kubota. Kubota engines are known for their robust design, great reliability and excellent longevity. The industrial engine base is proven in the most difficult conditions of usage.

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

Designed for fishing boat

Given its 3.3 litres cylinder capacity with its 4 valves per cylinder, the ease of use of the 4.340TDI will make it an ideal engine for your boat.

It's low rpm speed allows to obtain its maximum torque at low rpm allowing you to cruise more quietly with less fuel consumption.

Ease of use

The two balancing shafts of the 4.340TDI are driven by a gearwheel distribution that brings robustness and reliability to the engine, easing its maintenance while reducing the sound level and vibrations emitted by the engine.

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 4.340TDI complies with the most stringent emission regulations in the world : EU-RCD, US-EPA, BSO and SAV.

Technical specifications

Engine base	Kubota
Rated power (kW/hp)*	95.7 / 130
Rated rpm (rpm)*	2600
Displacement (cm ³ /in ³)	3319 / 202.54
Number of cylinders	4 in line
Bore and stroke (mm/in)	87 x 110 (3.42 x 4.33)
Compression ratio	21.8:1
Combustion system	Indirect (E-TVCS)
Intake	Turbo compressor & intercooler
Cooling	Closed cooling with heat exchanger
El. equipment / Alternator	12V / 100A
Instrument panel	C4
Transmission	Mechanical or hydraulic transmission
Engine Max Install. Angle	7° (dynamic)
Certifications	EPA ^{level} , BSO, EU-RCD, SAV
Dry weight with TM345A (kg/lb)	370 / 815.71
Connections diameter	
Exhaust (mm/in)	104 / 4.09
Fuel (mm/in)	8 / 0.31
Sea Water (mm/in)	32 / 1.26

* At engine flywheel, according to ISO 8665-1

Main characteristics

- E-TVCS injection system
- Turbo compressor & Intercooler
- Big displacement
- Low rpm

Available transmissions

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

Applications

- Semi-planning hulls
- Planning hulls

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Standard equipment

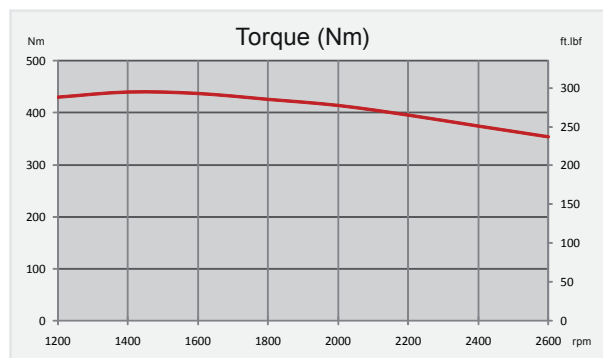
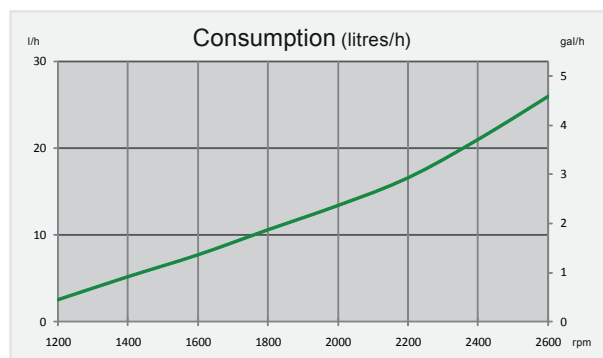
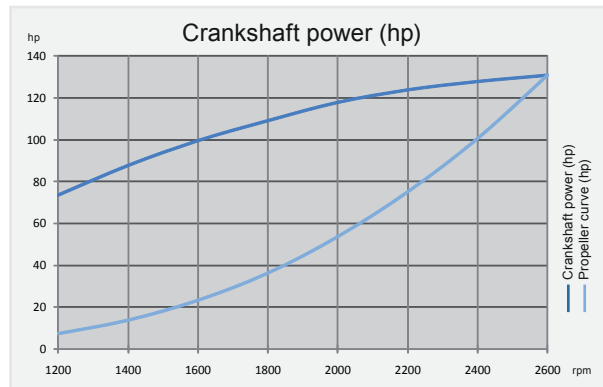
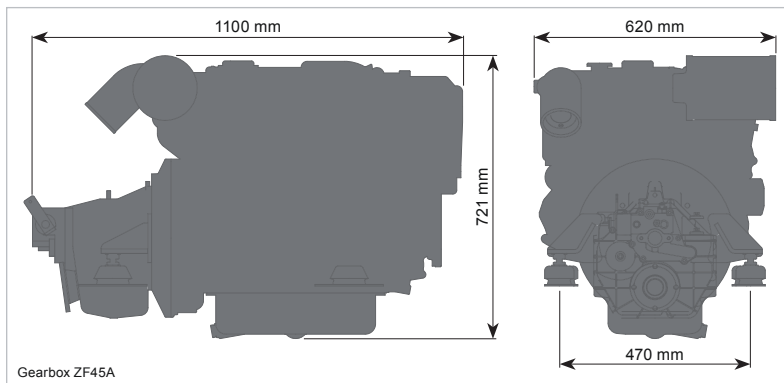
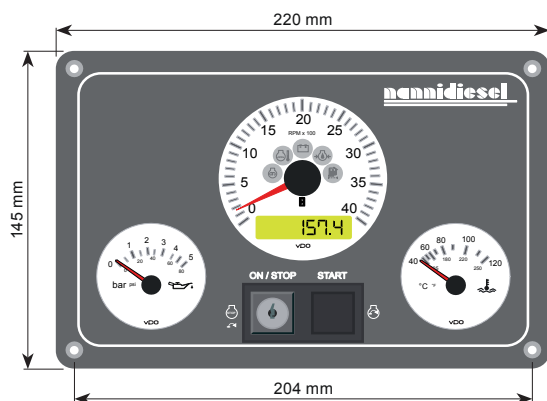
- Warranty certificate
- Fresh Water Cooled Exhaust Manifold
- Exhaust elbow
- Closed cooling with heat exchanger
- 4 meter electrical harness
- Fuel filter
- Oil filter
- Mechanical or hydraulic gearbox
- Owner's manual
- Sea water pump
- Coolant circulating pump
- In line injection pump
- Fuel feed 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
- 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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