

Engine H4.115

84.6 kW (115 hp) at 3000 rpm

Comfort through innovation

The Nanni Diesel 4-cylinder engine H4.115 has been developed taking advantage of the latest improvements in terms of modern diesel engines.

Endowed with an electronically controlled Common Rail direct injection system, 4 valves per cylinder, a turbo compressor and two balancing shafts, this engine ensures upscale performances and complies with the most stringent emission regulations in the world, while maintaining low values of fuel consumption.

Saving space and weight

Designed to fit into the smallest engine compartments, this 115 horsepower engine benefits from an advantageous power to weight ratio, and makes easy its onboard installation and its maintenance. The compact marinization, along with the design of the lubrication, cooling and air

systems, have made possible to significantly reduce the size of the propulsion package.

Smooth and powerful

The H4.115 is particularly well suited for cruising and fishing boats. Thanks to a 3000 rpm rating, the cruising speed is reached at low engine revolutions and the time to get into plane is reduced. Those characteristics allow to navigate keeping low vibration level and fuel consumption values. Moreover, its idle speed of 700 rpm makes easier manoeuvring in the marina as well as trawling fishing.

Protecting the environment

The combination of a common rail fuel injection system with a marinization optimising the intake air and exhaust gas flows allows this engine to comply with the stringent EPA Tier 2 and EU-RCD emissions regulations.

Main characteristics

- Common Rail injection system
- Turbo & Intercooler
- Two balance shafts
- Low rpm speed

Available transmissions

- TM345A (hydraulic) 2R
- ZF25A (hydraulic) 2.3R & 1.9R
- TTM40A (hydraulic)

Applications

- Semi-planning hulls
- Planning hulls

Technical specifications

Engine base	VM Motori
Rated power (kW/hp)*	84.6 / 115
Rated rpm (rpm)*	4000
Displacement (cm ³ /in ³)	1991 / 121.5
Number of cylinders	4 in line
Bore and stroke (mm/in)	83 x 92 / 3.26 x 3.62
Compression ratio	17.5 : 1
Combustion system	Common Rail (Direct)
Intake	Turbo compressor & Intercooler
Cooling	Closed cooling with heat exchanger
El. equipment / Alternator	12V / 110A
Instrument panel	C4 Common Rail
Transmission	Hydraulic gearbox or Stern Drive
Engine Max Install. Angle	15°
Certifications	US EPA Tier 2, EU-RCD
Dry weight without gearbox (kg/lb)	250 / 551

Connections diameter

Exhaust (mm/in)	90 / 3.54
Fuel (mm/in)	10 / 0.39
Sea Water (mm/in)	38 / 1.49

* At engine flywheel, according to ISO 8665-1

Engine H4.115

84.6 kW (115 hp)

Standard equipment

- C4 instrument panel
- Exhaust elbow
- Closed cooling with heat exchanger
- 4 meters electrical harness
- Fuel filter with water detector
- Oil filter
- Sea water pump
- Coolant circulating pump
- Fuel feed pump
- Control cables mounting points
- Integrated oil cooler
- Engine flexible mounts
- Electrical system 12 V
- Thermostat
- Warranty certificate
- Owner's Manual

Optional accessories

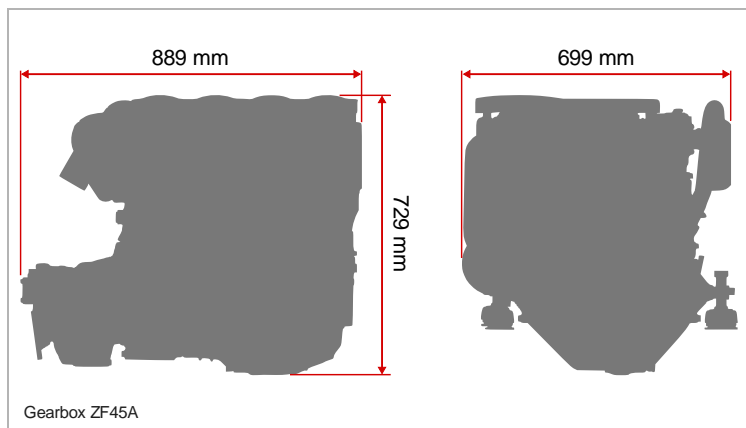
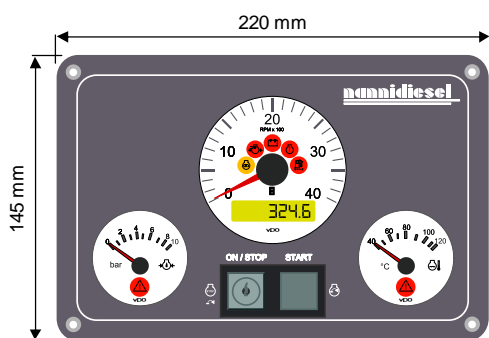
- Trolling valve
- Separated instruments
- Stuffing box connection
- Boiler connection
- Fly bridge panel

Optional equipment

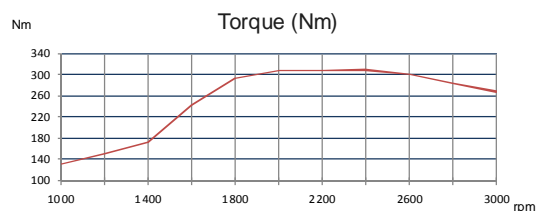
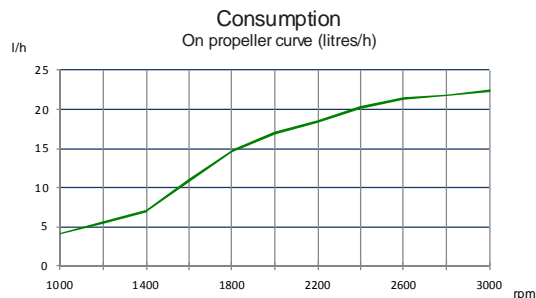
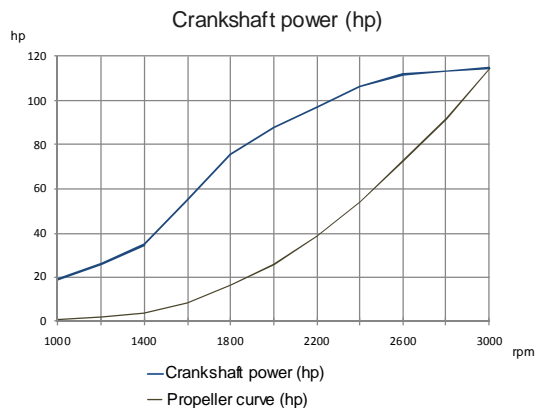
- Sea water hoses
- Fuel hoses
- Sea water filter
- Flexible coupling
- Exhaust system

C4 instrument panel

- Tachometer and hour meter
- Engine oil pressure indicator
- Coolant temperature indicator
- Ignition start key
- Coolant temperature warning light
- Water in fuel filter warning light
- Engine oil pressure warning light
- Battery charge warning light
- Engine control warning light



The shown models are not necessarily identical to current production



nannidiesel
energy in blue

Nanni Industries S.A.S. France
11, Avenue Mariotte-Zone Industrielle
BP 107- 33260 La Teste France
Tel : + 33 (0)5 56 22 30 60
Fax : +33 (0)5 56 22 30 79
www.nannidiesel.com



Your dealer