# T4.205 SPECIFICATIONS



Power at crankshaft	147.2 kW [200 hp]
Displacement	2.982 l [182 in <sup>3</sup> ]
Configuration	4 cylinders in line
Operation type	4 strokes Diesel
Bore & Stroke	96 x 103 mm [3.78 x 4.06 in]
Compression ratio	15 : 1
Rated speed	3600 rpm
Idling speed	730 rpm
Peak torque	501 Nm
Peak torque speed	2000 rpm

Engine base	Toyota
Fuel system	Direct injection High pressure Common Rail Electronically controlled
Air intake	Turbocharged with intercooler
Cooling	Closed cooling with heat exchanger
Max mounting angle	7° Front down 7° Front up
Alternator	12 Volt 130 Amp
Rating	M6
Emission compliance	IMO Annex VI Compliant RCD 2013/53/EU EPA marine Tier 3 BSO2
Dry weight with TTM50A	393 kg [866 lbs]



## T4.205 147.2 kW [200 hp] at 3600 rpm

#### **TECHNICAL DESCRIPTION**

#### **ENGINE BLOCK**

- 4 cylinders in line
- 4 valves per cylinder
- Dual overhead camshaft (DOHC)
- Watercooled exhaust manifold

#### Internal balancers

- FUEL SYSTEM
- Common Rail injection system
- Fuel filter with hand primer
- Integrated fuel cooler

#### LUBRICATION SYSTEM

- Replacable full-flow oil filter
- Oil dipstick
- Transmission oil cooler

#### COOLING SYSTEM

- Closed cooling with heat exchanger
- Gear driven self-priming raw water pump
- Coolant circulating pump
- Water cooled exhaust elbow

#### **ELECTRICAL SYSTEM & INSTRUMENTATION**

- 12 V / 100 A alternator
- 12 V Electrical system
- Complete instrumentation including key switch and alarms
- Extension cable harness with plug-in connection

#### **AIR INTAKE**

- Dry turbocharger
- Intercooler

#### **OTHER FEATURES**

Flexible engine mountings

#### **OPTIONAL EQUIPMENTS & ACCESSORIES**

- Complete marine propulsion systems
- Marine transmission adaptation kits
- Throttle ansd shift controls
- Additionnal instrumentation, Flying bridge extension harness
- Water boiler systems
- Complete fuel systems
- Complete exhaust systems
- Trolling valve

#### **RATINGS**

- Up to 500 annual operating hours
- Load factor up to 35%
- Full power for no more than 30 minutes out of each 8 hours of operation. The remaining time must be at, or below cruising speed

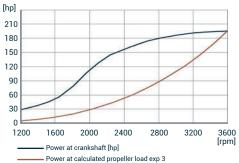
#### TRANSMISSIONS

- TTM50A

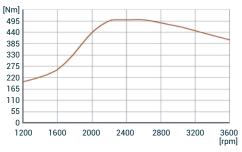
- Bravo X One
- Bravo X Three
- Bravo X Two
- Contact your local Nanni dealer for more details and availability for transmission model and type.



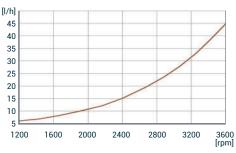
**POWER AT CRANKSHAFT** 



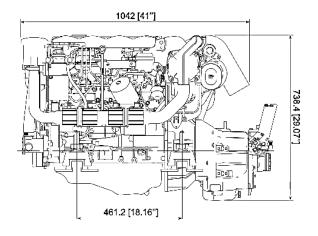
**TORQUE AT CRANKSHAFT** 

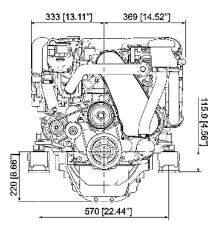






#### **DIMENSIONS WITH TTM50A**





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- SHAFT LINE TTM40A

  - ZF45A
  - ZF63A

### STERN DRIVE