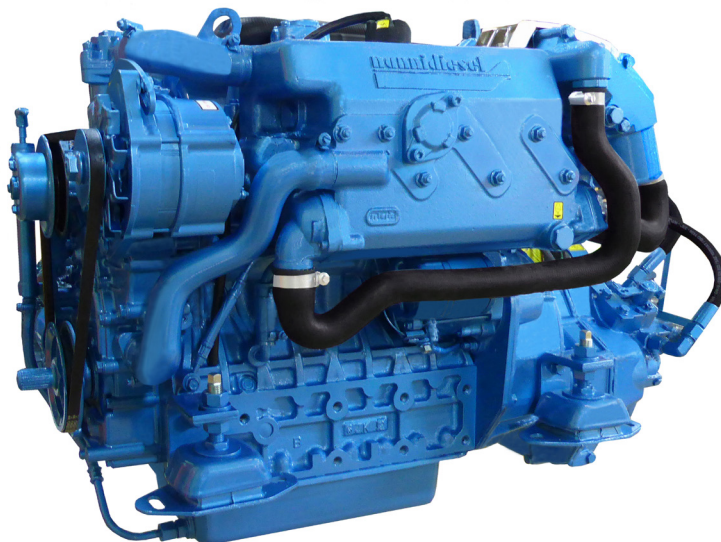


N4.80

Specifications



| | |
|------------------------|----------------------------------|
| Power at crankshaft | 57.4 kW [79 hp] |
| Displacement | 2.434 l [148.5 in ³] |
| Configuration | 4 cylinders in line |
| Operation type | 4 stroke Diesel |
| Bore & Stroke | 87 x 102.4 mm [3.43 x 4.03 in] |
| Compression ratio | 23:1 |
| Rated speed | 2700 rpm |
| Idling speed | 850 rpm |
| Peak torque | 220 Nm |
| Peak torque speed | 1800 rpm |
| Dry weight with TM345A | 258 kg [568.8 lbs] |

| | |
|---------------------|---|
| Engine base | Kubota |
| Fuel system | Indirect E-TVCS (Three Vortex Combustion System) |
| Air intake | Turbocharged |
| Cooling | Closed cooling with heat exchanger Air cooler |
| Max mounting angle | 7° Front up 7° Front down |
| Alternator | 12 Volt 120 Amp |
| Rating | M5 |
| Emission compliance | EPA marine Tier 3 RCD2013/53/EU BSO2 |

N4.80

57.4 kW [79 hp] at 2700 rpm

TECHNICAL DESCRIPTION

Engine block

- 4 Cylinders in line
- 4 Valves per cylinder
- Gear driven valve train
- Watercooled exhaust manifold

Fuel system

- Indirect E-TVCS injection system
- Fuel filter

Lubrication system

- Replaceable full-flow oil filter
- Oil dipstick

Cooling system

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

Electrical system & Instrumentation

- 12V / 120A alternator
- 12V electrical system
- Complete instrumentation including key switch and alarms
- Extension cable harness with plug-in connection

Air intake

- Turbocharged with intercooler

Other features

- Flexible engine mounts
- Internal balancers
- Single side serviceability

Optional systems & accessories

- Keel cooling adaptation
- Dry exhaust elbow
- Complete marine propulsion systems
- Marine transmission adaptation kits
- Throttle and shift controls
- Additional instrumentation, Flying bridge extension harness
- Rigid engine mounting
- Power take off
- Type of approval

RATINGS

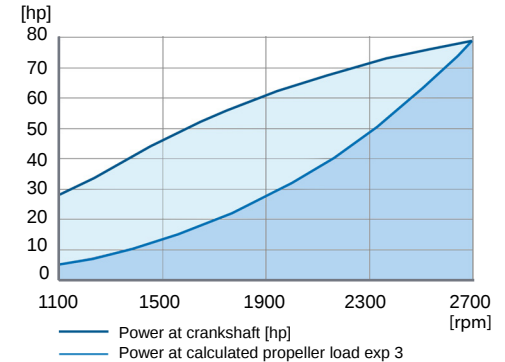
- Up to 1000 hours per year
- Load factor up to 35%
- Full power for no more than 30 minutes out of each 8 hours of operation. The remaining time must be at, or below cruising speed

TRANSMISSIONS

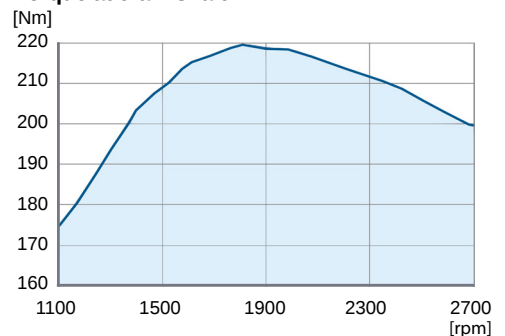
- Contact your Nanni representative for more details and availability about transmissions types and models range

PERFORMANCE CURVES

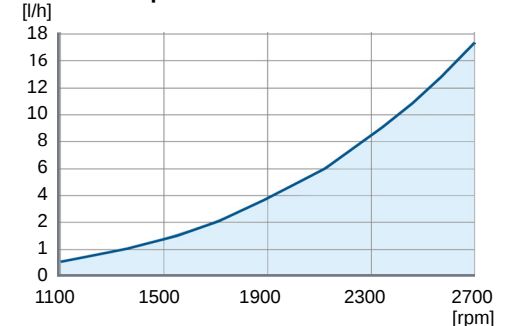
Power at crankshaft



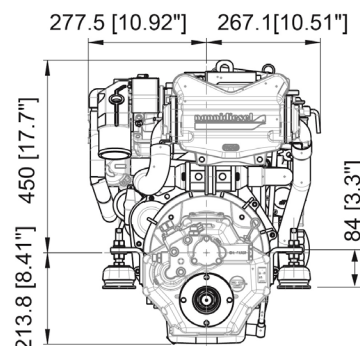
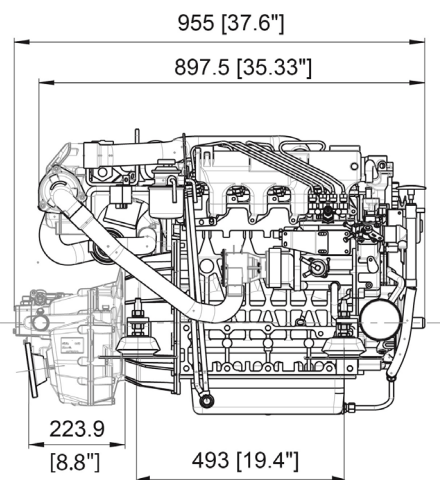
Torque at crankshaft



Fuel consumption



DIMENSIONS



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Technical data according to ISO 8665. Specifications are subject to change without notice. Images and illustrations may show non standard equipments. All combination of equipment & accessory are not available.

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