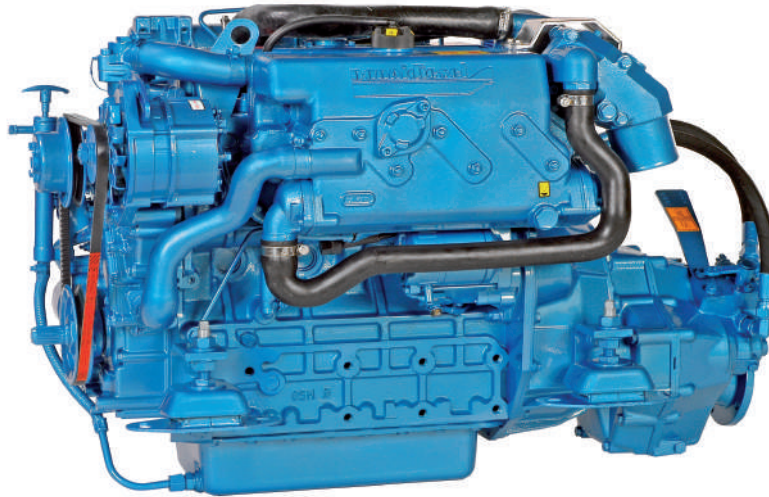


N4.65

SPECIFICATIONS



| | | | |
|---------------------|----------------------------------|------------------------|---|
| Power at crankshaft | 43.4 kW [59 hp] | Engine base | Kubota |
| Displacement | 2.434 l [148.5 in ³] | Fuel system | Mechanical Indirect injection |
| Configuration | 4 cylinders in line | Air intake | Turbocharged |
| Operation type | 4 strokes Diesel | Cooling | Closed cooling with heat exchanger |
| Bore & Stroke | 87 x 102.4 mm [3.43 x 4.03 in] | Max mounting angle | 15° Front down 15° Front up |
| Compression ratio | 23 : 1 | Alternator | 12 Volt 120 Amp |
| Rated speed | 2700 rpm | Rating | M4 |
| Idling speed | 850 rpm | Emission compliance | IMO Annex VI Compliant RCD2013/53/EU BSO2 |
| Peak torque | 168 Nm | Dry weight with TM345A | 248 kg [546.75 lbs] |
| Peak torque speed | 1800 rpm | | |

N4.65

43.4 kW [59 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-and-play

AIR INTAKE

- Turbocharged

OTHER FEATURES

- Flexible engine mounts
- Internal balancers
- Single side serviceability

OPTIONAL EQUIPMENTS & 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

RATINGS

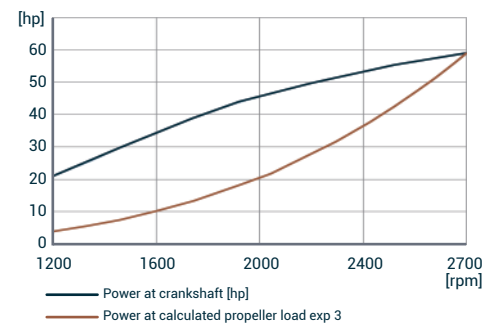
- Up to 3000 annual operating hours
- Load factor up to 40%
- Full power for no more than 1 hour out of each 12 hours of operation. The remaining time must be at, or below cruising speed

TRANSMISSIONS

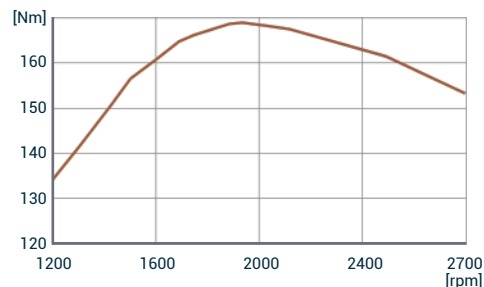
- Shaft line
- Sail Drive
- Contact your Nanni representative for more details and availability about transmissions types and models range.

PERFORMANCE CURVES

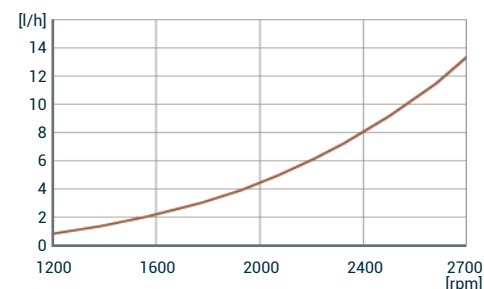
POWER AT CRANKSHAFT



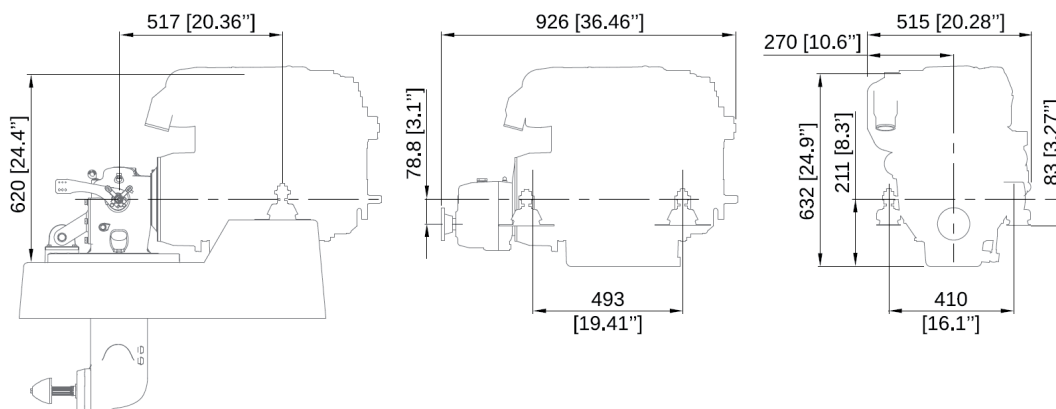
TORQUE AT CRANKSHAFT



FUEL CONSUMPTION



DIMENSIONS WITH TM345A



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