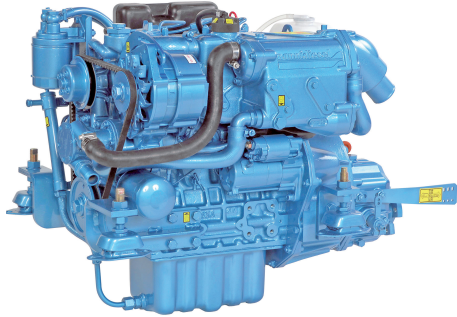


# N3.30

## SPECIFICATIONS



|                     |                               |
|---------------------|-------------------------------|
| Power at crankshaft | 21.3 kW [29 hp]               |
| Displacement        | 1.123 l [69 in³]              |
| Configuration       | 3 cylinders in line           |
| Operation type      | 4 strokes Diesel              |
| Bore & Stroke       | 78 x 78.4 mm [3.07 x 3.09 in] |
| Compression ratio   | 24 : 1                        |
| Rated speed         | 3600 rpm                      |
| Idling speed        | 930 rpm                       |
| Peak torque         | 64 Nm                         |
| Peak torque speed   | 2600 rpm                      |

|                      |  |
|----------------------|--|
| Engine base          | Kubota                                       |
| Fuel system          | Mechanical Indirect injection                |
| Air intake           | Natural                                      |
| Cooling              | Closed cooling with heat exchanger           |
| Max mounting angle   | 15° Front down<br>15° Front up               |
| Alternator           | 12 Volt<br>120 Amp                           |
| Rating               | M5   |
| Emission compliance  | RCD 2013/53/EU<br>EPA marine Tier 3<br>BSO 2 |
| Dry weight           |  |
| with TMC40           | 145 kg [319 lbs]                             |
| with Sail Drive SP60 | 181 kg [399 lbs]                             |

# N3.30

21.3 kW [29 hp] at 3600 rpm

## TECHNICAL DESCRIPTION

### ENGINE BLOCK

- 3 Cylinders in line
- Gear-driven valve train
- Water cooled exhaust manifold

### FUEL SYSTEM

- Mechanical governor
- Cam driven in-line injection pump
- Fuel feed pump with hand primer
- Fuel filter

### LUBRICATION SYSTEM

- Replaceable full-flow oil filter
- Oil dipstick
- 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 Electrical system
- 12 V / 120 A alternator
- Electric starter motor
- Electric stop function
- Instrumentation panel, including Start/ Stop, tachometer & alarms
- Extension cable harness with plug-and-play

### AIR INTAKE

- Mounted air cleaner

### OTHER FEATURES

- Flexible engine mounting
- Bracket for control cables

### OPTIONAL EQUIPMENTS & ACCESSORIES

- Keel cooling adaptation
- Complete marine propulsion systems
- Throttle and shift controls
- Additional instrumentation, Flying bridge extension harness
- Polyester frame (Sail Drive version)
- Engine mounting adaptation
- Two pole electrical system
- Water boiler systems
- Stuffing box connections
- Complete fuel systems
- Complete exhaust systems
- SOLAS approved version

### RATINGS

- Up to 1000 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

#### SHAFT LINE

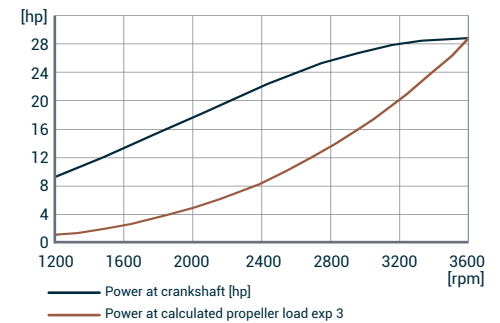
- TMC40
- TTMC35A - TTMC35P
- ZF10M

#### SAIL DRIVE

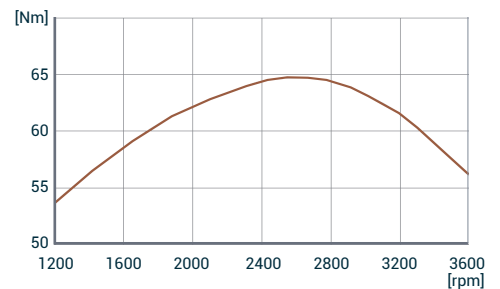
- Sail Drive SP60
- Contact your Nanni representative for more details and availability about transmissions types and models range.

## PERFORMANCE CURVES

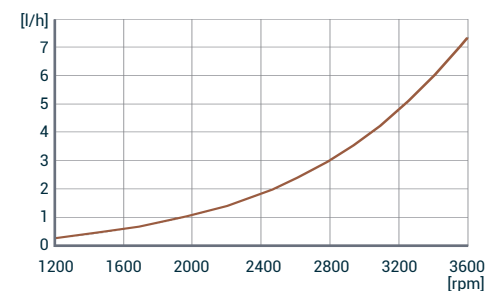
### POWER AT CRANKSHAFT



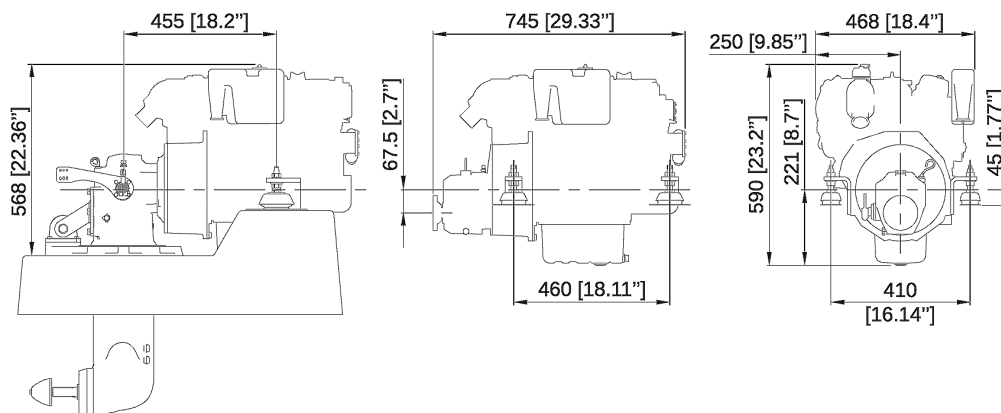
### TORQUE AT CRANKSHAFT



### FUEL CONSUMPTION



## DIMENSIONS WITH SP60 / TMC40



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