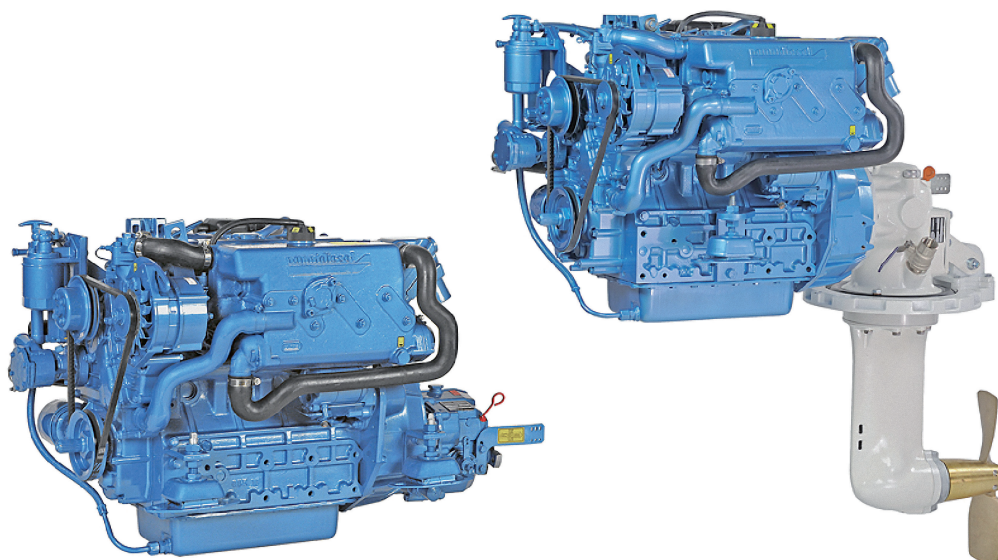


# N4.40

## SPECIFICATIONS



|                     |                               |
|---------------------|-------------------------------|
| Power at crankshaft | 29.4 kW [40 hp]               |
| Displacement        | 1.999 l [122 in³]             |
| Configuration       | 4 cylinders in line           |
| Operation type      | 4 strokes Diesel              |
| Bore & Stroke       | 83 x 92.4 mm [3.27 x 3.64 in] |
| Compression ratio   | 22.8 : 1                      |
| Rated speed         | 2800 rpm                      |
| Idling speed        | 850 rpm                       |
| Peak torque         | 110 Nm                        |
| Peak torque speed   | 2000 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               | M4                                  |
| Emission compliance  | RCD 2013/53/EU<br>EPA marine Tier 3 |
| Dry weight           |                                     |
| with TTMC35A         | 227 kg [500 lbs]                    |
| with Sail Drive SP60 | 259 kg [570 lbs]                    |

# N4.40

29.4 kW [40 hp] at 2800 rpm

## TECHNICAL DESCRIPTION

### ENGINE BLOCK

- 4 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 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

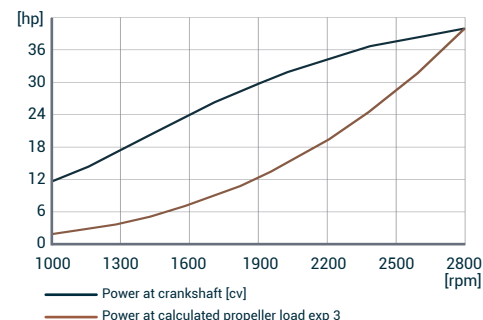
- TM345A - TM345H
- TMC260
- TMC60
- TTMC35A - TTMC35P
- ZF25

### SAIL DRIVE

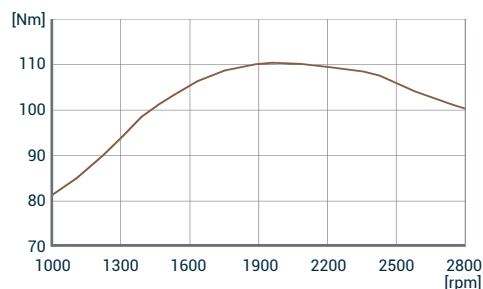
- Sail Drive SP60
- Contact your Nanni representative for more details and availability about transmissions types and models range.

## PERFORMANCE CURVES

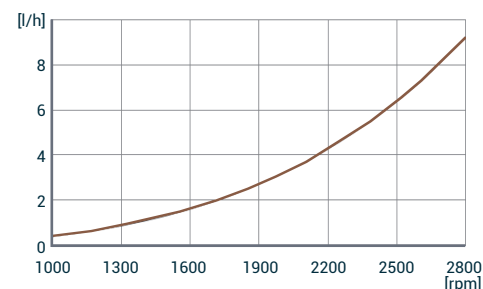
### POWER AT CRANKSHAFT



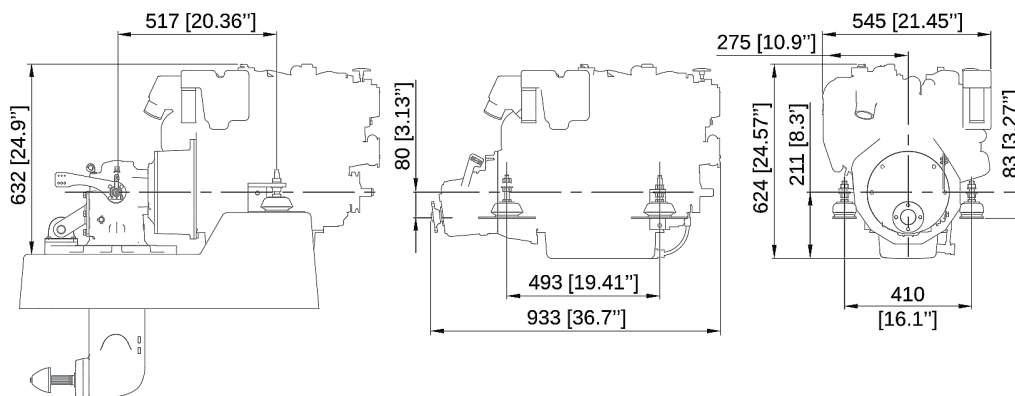
### TORQUE AT CRANKSHAFT



### FUEL CONSUMPTION



## DIMENSIONS AVEC SP60 / TTMC35A



## NANNI INDUSTRIES S.A.S.

11, Avenue Mariotte - Zone Industrielle  
33260 La Teste - France  
Tel: +33 (0)5 56 22 30 60  
Fax: +33 (0)5 56 22 30 79

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DGBXXC01006