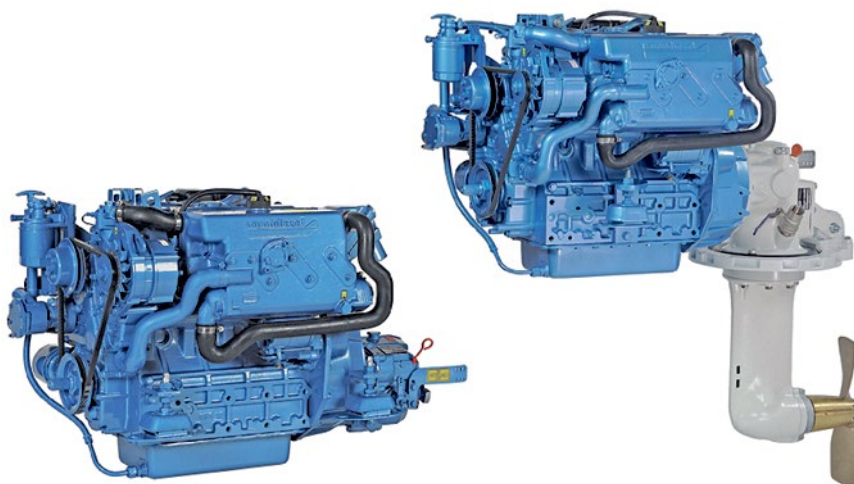


PROPULSION ENGINE

N4.40

SPECIFICATIONS



| | | | |
|---------------------|--------------------------------|----------------------|-------------------------------------|
| Power at crankshaft | 29.4 kW [40 hp] | Engine base | Kubota |
| Displacement | 1.999 l [122 in ³] | Fuel system | Mechanical Indirect injection |
| Configuration | 4 cylinders in line | Air intake | Natural |
| Operation type | 4 strokes Diesel | Cooling | Closed cooling with heat exchanger |
| Bore & Stroke | 83 x 92.4 mm [3.27 x 3.64 in] | Max mounting angle | 15° Front down 15° Front up |
| Compression ratio | 22.8 : 1 | Alternator | 12 Volt 120 Amp |
| Rated speed | 2800 rpm | Rating | M4 |
| Idling speed | 850 rpm | Emission compliance | RCD 2013/53/EU EPA marine Tier 3 |
| Peak torque | 110 Nm | Dry weight | |
| Peak torque speed | 2000 rpm | with TTMC35A | 227 kg [500 lbs] |
| | | with Sail Drive SP60 | 259 kg [570 lbs] |



GENERAL
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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

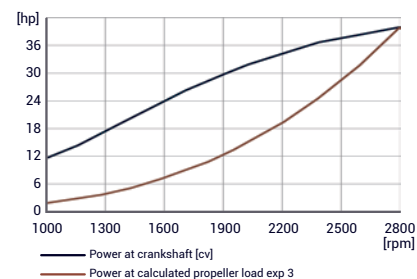
- TM345A - TM345H
- TMC260
- TMC60
- TTMC35A - TTMC35P
- ZF25

SAIL DRIVE

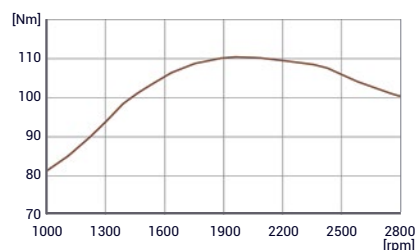
- Sail Drive SP60
- Contact your Nanni representative for more details and availability about transmissions types and models range.

PERFORMANCE CURVES

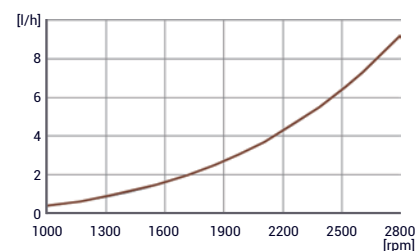
POWER AT CRANKSHAFT



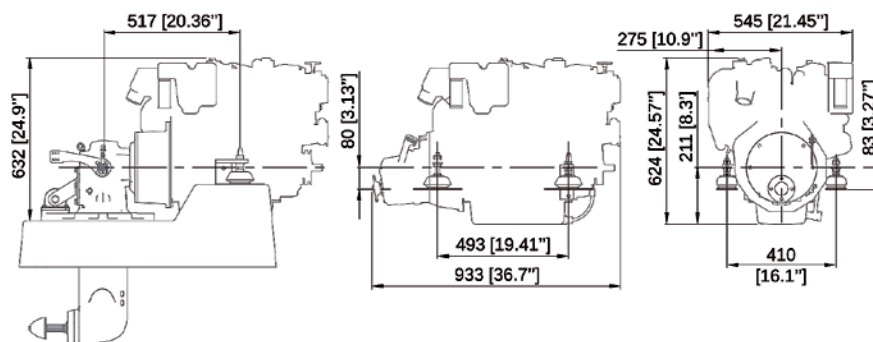
TORQUE AT CRANKSHAFT



FUEL CONSUMPTION



DIMENSIONS AVEC SP60 / TTMC35A



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