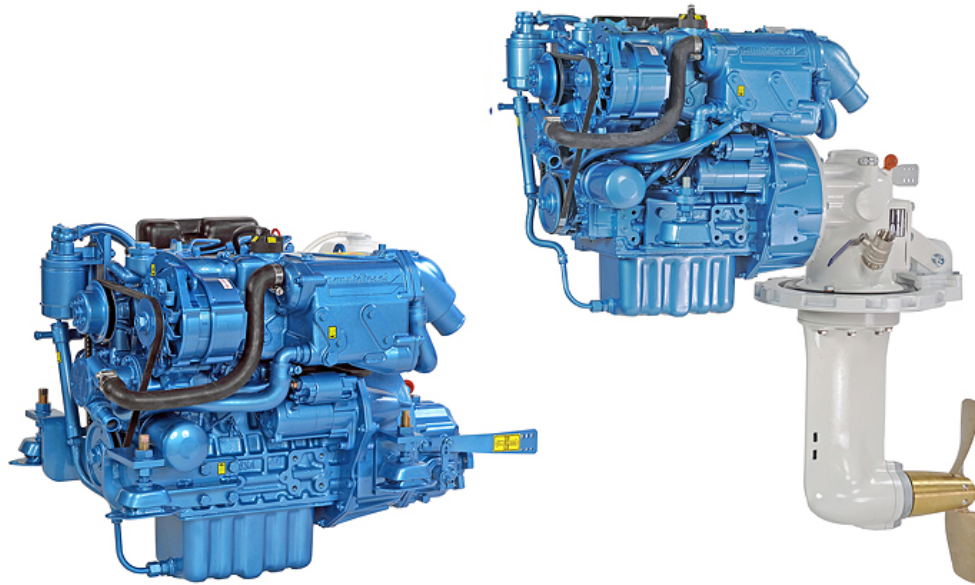


N3.30

Specifications



| | |
|----------------------------|-------------------------------|
| Power at crankshaft | 21.3 kW [29 hp] |
| Displacement | 1.123 l [69 in ³] |
| Configuration | 3 cylinders in line |
| Operation type | 4 stroke Diesel |
| Bore & Stroke | 78 x 78.4 mm [3.07 x 3.09 in] |
| Compression ratio | 24:1 |
| Rated speed | 3600 rpm |
| Idle speed | 930 rpm |
| Peak torque | 65 Nm |
| Peak torque speed | 2600 rpm |
| Dry weight | |
| with TMC40 | 145 kg [319 lb] |
| with Sail Drive SP60 | 181 kg [399 lb] |

| | |
|----------------------------|--|
| Engine base | Kubota |
| Fuel system | Mechanical indirect injection |
| Air intake | Natural |
| Cooling | Closed cooling with heat exchanger |
| Mounting angle | 15° Front up 15° Front down |
| Alternator | 12 Volt 120 Amp |
| Rating | M5 |
| Emission compliance | EPA marine Tier 3 RCD 94/25/EC BSO 2 |

N3.30

21.3 kW [29 hp] @ 3600 rpm

TECHNICAL DESCRIPTION

Engine block

- 3 cylinders in line
- Gear-driven valve train
- Watercooled 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 drain pump

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 Electrical system
- 12V 100A alternator
- Electric starter motor
- Electric stop function
- Instrumentation panel, including Start/Stop, tachometer & alarms
- Extension cable harness with plug-in connection

Air intake

- Mounted air cleaner

Other features

- Flexible engine mounting
- Bracket for control cables

Optional equipment & accessories

- Keel cooling adaptation
- Complete marine propulsion systems
- Additional instrumentation, Flying bridge extension harness
- Throttle and shift controls
- Additional instrumentation, Flying bridge extension harness
- Polyester frame (for 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

RATING

- 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 operation time must be at or below cruising speed

TRANSMISSIONS

Shaft line

- TMC40
- TTMC35A
- TTMC35P
- ZF10M

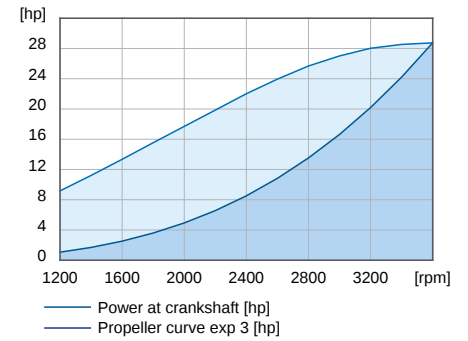
Sail Drive

- SP60

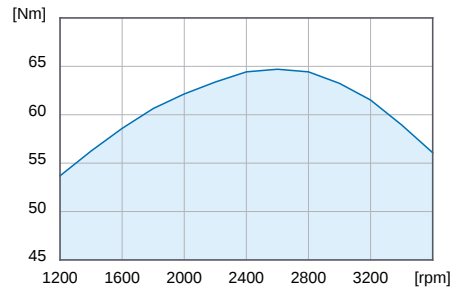
Contact your local dealer for more details and availability for transmission model and type.

PERFORMANCE CURVES

Power at crankshaft

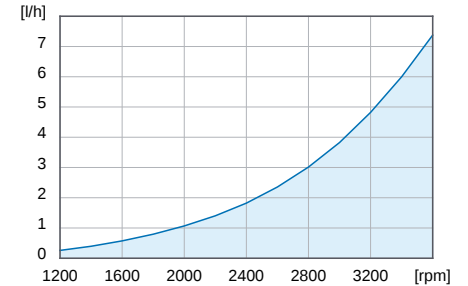


Torque at crankshaft

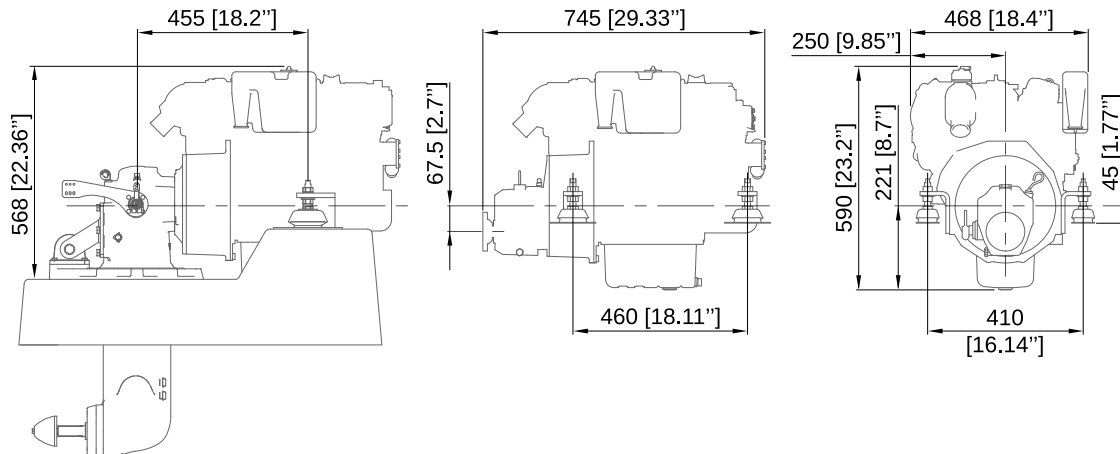


Fuel consumption

At calculated propeller load exp 3



DIMENSIONS WITH SP60 / TMC40



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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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