

N4.140

SPECIFICATIONS



| | | | |
|---------------------|--------------------------------|---------------------|--|
| Power at crankshaft | 99.4 kW [135 hp] | Engine base | Kubota |
| Displacement | 3.769 l [230 in ³] | Fuel system | Mechanical Direct injection |
| Configuration | 4 cylinders in line | Air intake | Turbocharged with intercooler |
| Operation type | 4 strokes Diesel | Cooling | Closed cooling with heat exchanger |
| Bore & Stroke | 100 x 120 mm [3.94 x 4.72 in] | Max mounting angle | 7° Front down 7° Front up |
| Compression ratio | 19.1 : 1 | Alternator | 12 Volt 120 Amp |
| Rated speed | 2600 rpm | Rating | M4 |
| Idling speed | 825 rpm | Emission compliance | RCD 2013/53/EU EPA marine Tier 3 BSO 2 |
| Peak torque | 453.6 Nm | Dry weight | 353 kg [778 lbs] |
| Peak torque speed | 1600 rpm | | |

N4.140

99.4 kW [135 hp] at 2600 rpm

TECHNICAL DESCRIPTION

ENGINE BLOCK

- 4 Cylinders in line
- 4 Valves per cylinder
- Gear driven valve train
- Watercooled exhaust manifold

FUEL SYSTEM

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

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

- 12 V Electrical system
- 12 V / 120 A alternator
- Electric starter motor
- Electric stop function
- Instrumentation panel, including Start/ Stop, tachometer, coolant temperature & oil pressure indicators, alarms
- Extension cable harness with plug-and-play

AIR INTAKE

- Turbocharged with intercooler
- 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
- Alternator 24 V - 55 A
- 24 V Electrical system
- Engine mounting adaptation
- Two pole electrical system
- Complete exhaust systems
- Trolling valve

RATINGS

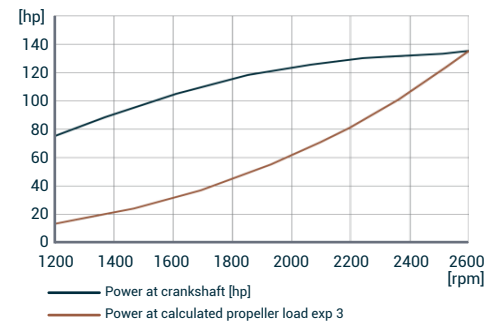
- Up to 3000 annual operating hours
- Load factor up to 40%
- Full power for no more than 1 hour out of each 12 hours of operation. The remaining time must be at, or below cruising speed

TRANSMISSIONS

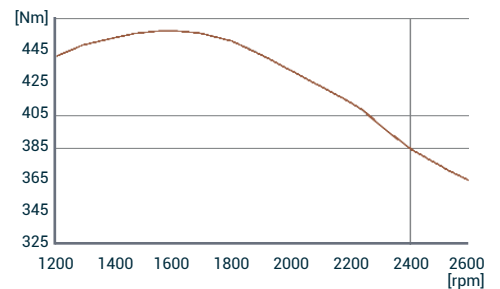
- Contact your local Nanni dealer for more details and availability for transmission model and type.

PERFORMANCE CURVES

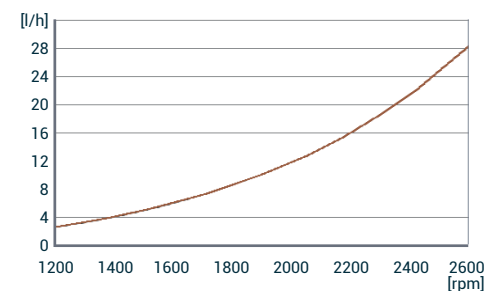
POWER AT CRANKSHAFT



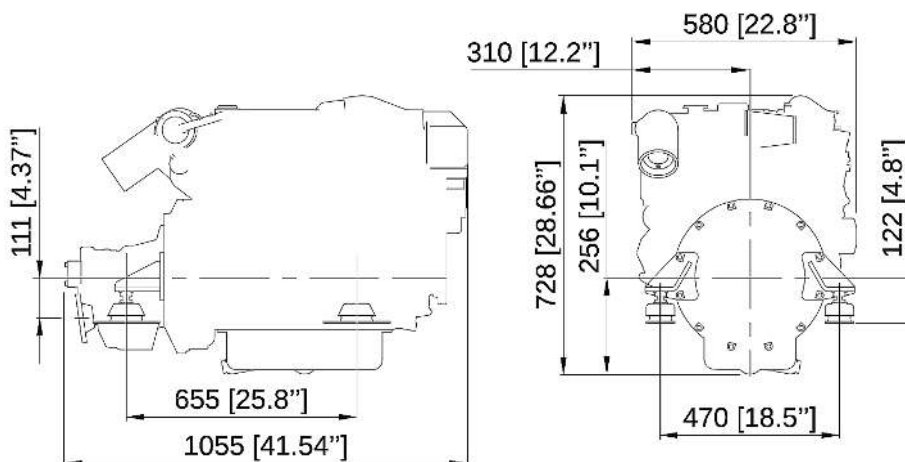
TORQUE AT CRANKSHAFT



FUEL CONSUMPTION



DIMENSIONS WITH TM345A



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DGBXXC01011