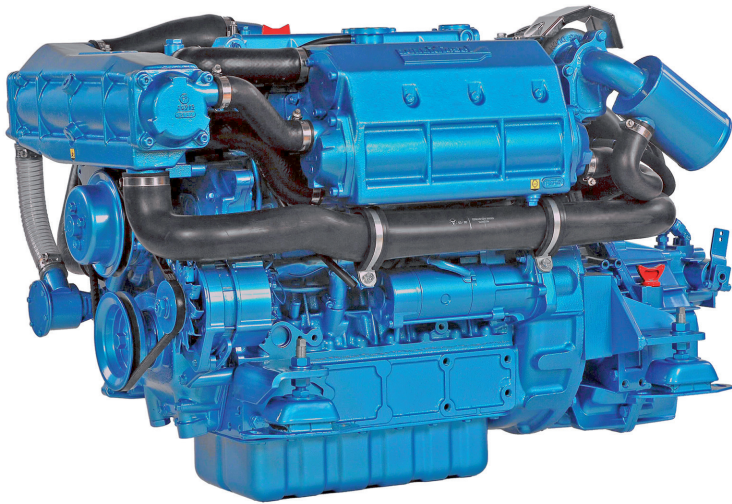


N4.115

SPECIFICATIONS



Power at crankshaft	84.6 kW [115 cv]
Displacement	3.769 l [230 in³]
Configuration	4 cylinders in line
Operation type	4 strokes Diesel
Bore & Stroke	100 x 120 mm [3.94 x 4.72 in]
Compression ration	19.1 : 1
Rated speed	2600 rpm
Idling speed	825 rpm
Peak torque	387 Nm
Peak storque speed	1600 rpm

Engine base	Kubota
Fuel system	Mechanical Direct injection
Air intake	Turbocharged with intercooler
Cooling	Closed cooling with heat exchanger
Max mounting angle	7° Front down 7° Front up
Alternator	12 Volt 120 Amp
Rating	M4
Emission compliance	RCD 2013/53/EU EPA marine Tier 3 BSO 2
Dry weight with TM345A	378 kg [833 lbs]

N4.115

84.6 kW [115 cv] 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

LUBRIFICATION 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

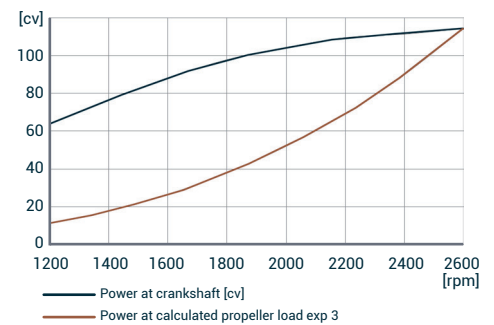
TRANSMISSIONS

SHAFT LINE

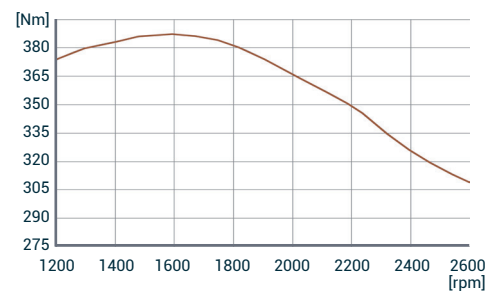
- TM345 - TM345A
- TTM40A
- TTMCSA
- ZF25 - ZF25A26
- ZF45A
- Contact your local Nanni dealer for more details and availability for transmission model and type.

PERFORMANCE CURVES

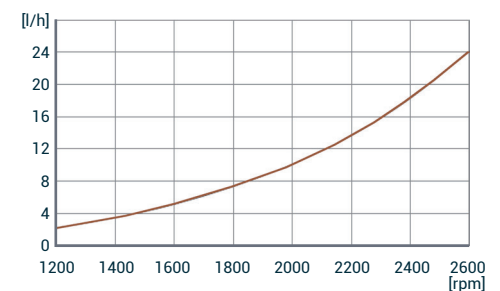
POWER AT CRANKSHAFT



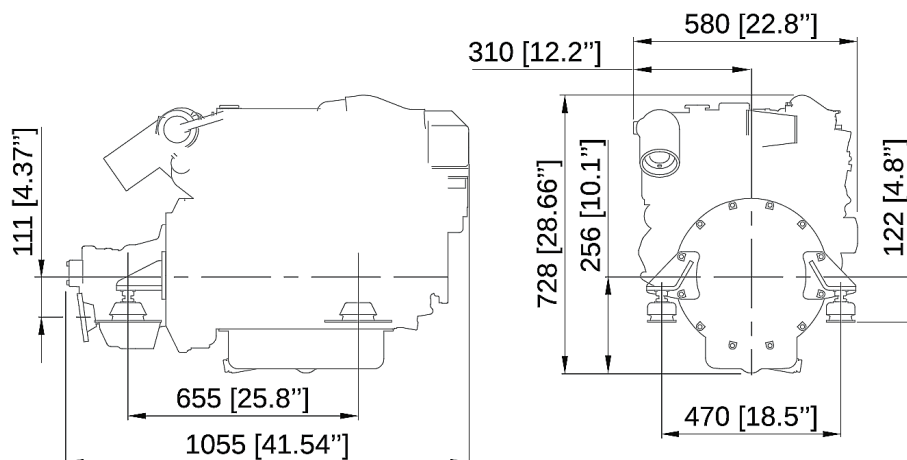
TORQUE AT CRANKSHAFT



FUEL CONSUMPTION



DIMENSIONS WITH TM345A



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