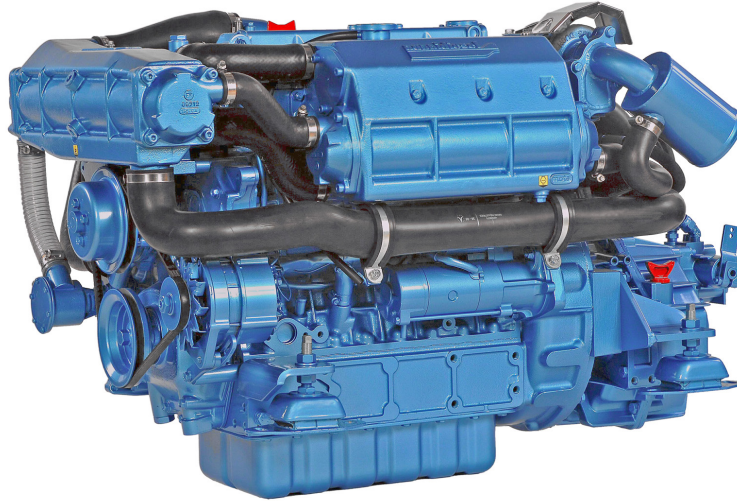


N4.115

Specifications



Power at crankshaft	84.6 kW [115 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 stroke Diesel	Cooling	Closed cooling with heat exchanger
Bore & Stroke	100 x 120 mm [3.94 x 4.72 in]	Max mounting angle	7° Front up 7° Front down
Compression ratio	19.1:1	Alternator	12 Volts 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	387 Nm		
Peak torque speed	1600 rpm		
Dry weight			
with TM345A	378 kg [833 lbs]		

N4.115

84.6 kW [115 hp] at 2600 rpm

TECHNICAL DESCRIPTION

Engine block

- 4 Cylinders in line
- 4 Valves per cylinder
- Gear-driven valve train
- Water cooled 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-in connection

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
- 24 V 55 A alternator
- 24 V Electrical system
- Engine mounting adaptation
- Two pole electrical system
- Water boiler systems
- Stuffing box connections
- Complete fuel systems
- Complete exhaust systems
- Trolling valve

RATING

- 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 operation time must be at or below cruising speed

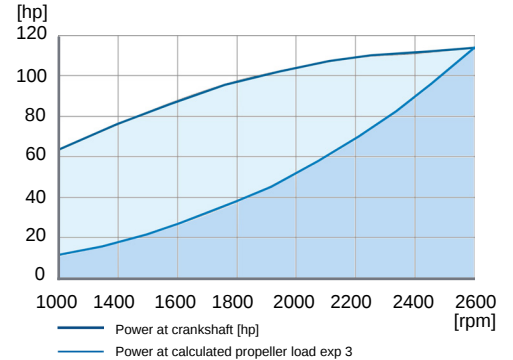
TRANSMISSIONS

Shaft line

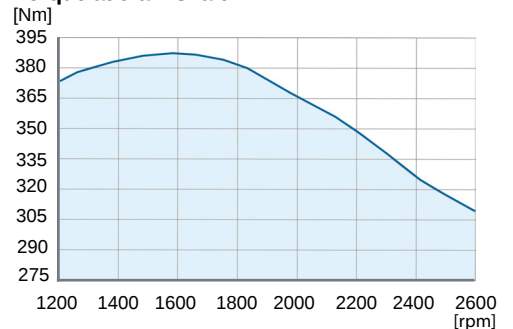
- TM345
- TM345A
- TTM40A
- TTMC5A
- ZF25
- ZF25A26
- ZF45A
- Contact your local Nanni dealer for more details and availability for transmission model and type.

PERFORMANCES CURVES

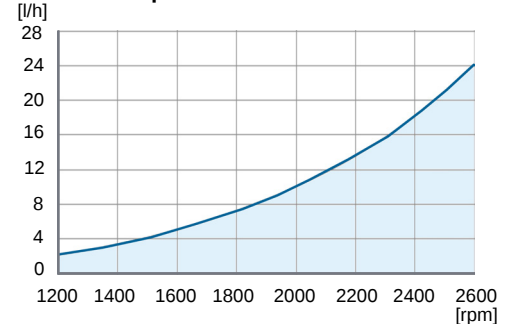
Power at crankshaft



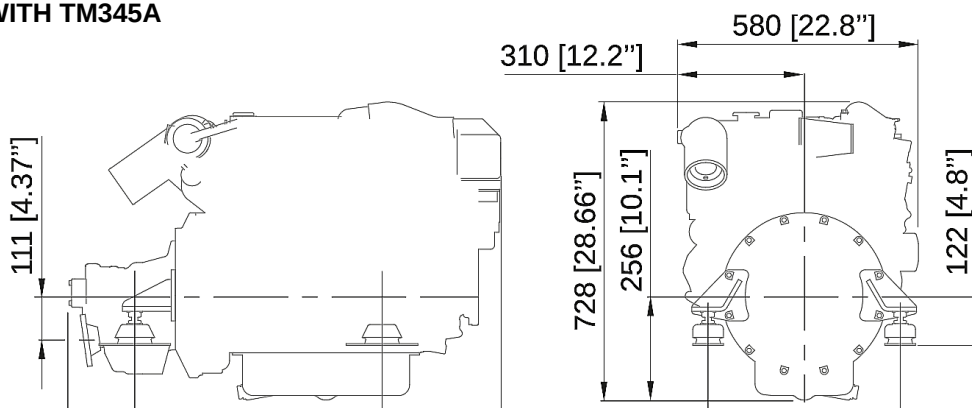
Torque at crankshaft



Fuel consumption



DIMENSIONS WITH TM345A



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Technical data according to ISO 8665. Specifications are subject to change without notice. Images and illustrations may show non standards equipments. All combinations of equipment & accessory are not available.

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