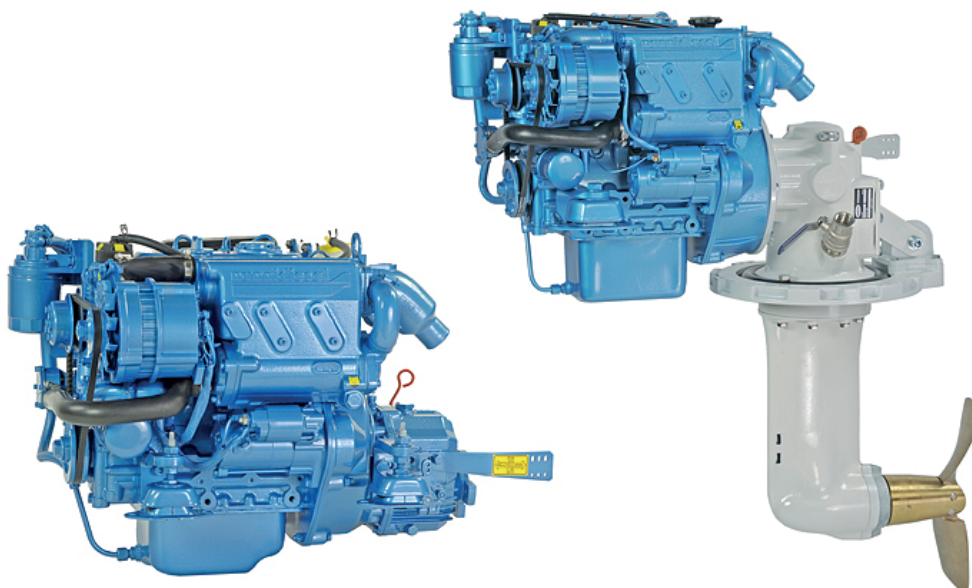


# N3.21

## Specifications



Power at crankshaft	15.4 kW [21 hp]	Engine base	Kubota
Displacement	0.719 l [44 in <sup>3</sup> ]	Fuel system	Mechanical indirect injection
Configuration	3 cylinders in line	Air intake	Natural
Operation type	4 stroke Diesel	Cooling	Closed cooling with heat exchanger
Bore & Stroke	67 x 68 mm [2.64 x 2.68 in]	Max mounting angle	15° Front up 15° Front down
Compression ratio	23.5:1	Alternator	12 Volt 70 Amp
Rated speed	3600 rpm	Rating	M5
Idling speed	1050 rpm	Emission compliance	RCD 2013/53/EU EPA marine Tier 3 BSO 2
Peak torque	47 Nm		
Peak torque speed	2600 rpm		
Dry weight			
with TMC40	106 kg [233 lbs]		
with Sail Drive SP60	142 kg [313 lbs]		

# N3.21

15.4 kW [21 hp] at 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 70A 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
- 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

## 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

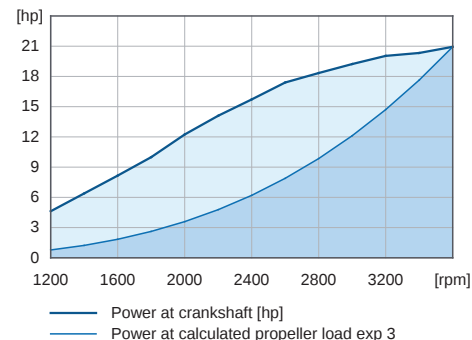
### Sail Drive

- Sail Drive SP60

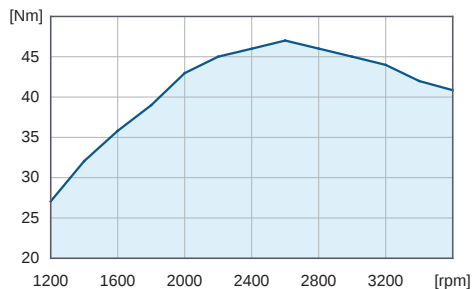
Contact your local dealer for more details and availability for transmission model and type.

## PERFORMANCE CURVES

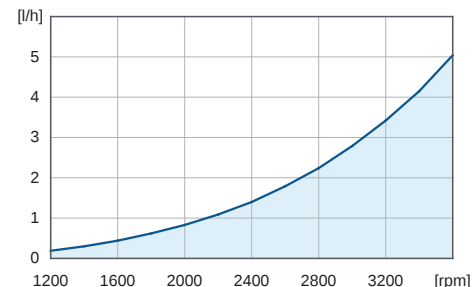
### Power at crankshaft



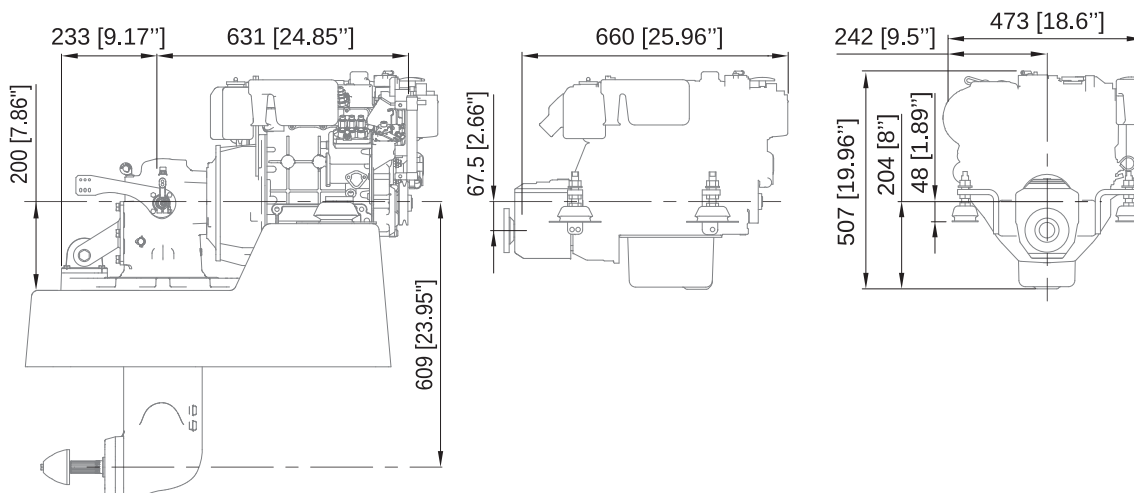
### Torque at crankshaft



### Fuel consumption



## DIMENSIONS WITH SP60 / TMC40



### Nanni Industries S.A.S. France

11, Avenue Mariotte - Zone Industrielle  
33260 La Teste - France  
Tel: +33 (0)5 56 22 30 60  
Fax: +33 (0)5 56 22 30 79

### Nanni Trading S.R.L

Via Degli Olmetti, 5/B  
00060 Formello (RM) - Italia  
Tel: +39 06 30 88 42 51/52/53  
Fax: +39 06 30 88 42 54

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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