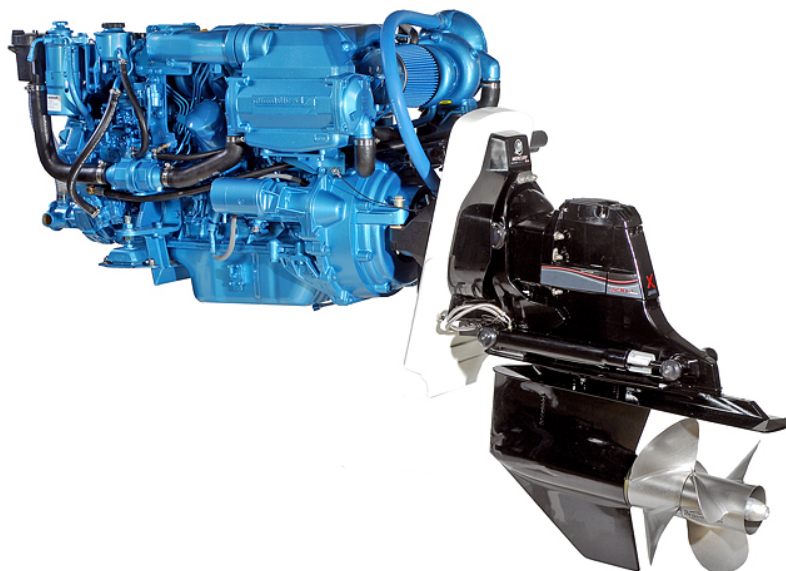


Z6.300

Specifications



Power at crankshaft	202.4 kW [275 hp]
Displacement	4.2 l [256 in ³]
Configuration	6 cylinders in line
Operation type	4 stroke Diesel
Bore & Stroke	94 x 100 mm [3.7 x 3.94 in]
Compression ratio	15,7:1
Rated speed	3600 rpm
Idling speed	700 rpm
Peak torque	687 Nm
Peak torque speed	2400 rpm
Dry weight	
with Bravo X Three	552 kg [1216 lbs]

Engine base	Toyota
Fuel system	Direct injection Mechanical governor
Air intake	Turbocharged with intercooler
Cooling	Closed cooling with heat exchanger
Max mounting angle	7° Front up 7° Front down
Alternator	12 Volt 80 Amp
Rating	M6
Emission compliance	RCD 94/25/EC BSO 2

Z6.300

202.4 kW [275 hp] at 3600 rpm

TECHNICAL DESCRIPTION

Engine block

- 6 cylinders in line
- 4 valves per cylinder
- Watercooled exhaust manifold
- Internal balancers

Fuel system

- Direct injection, mechanical governor
- Fuel filter with hand primer

Lubrication system

- Replaceable full-flow oil filter
- Oil dipstick
- Transmission oil cooler

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 80A alternator
- 12V Electrical system
- Complete instrumentation including key switch and alarms

Air intake

- Dry turbocharger
- Intercooler

Other features

- Flexible engine mounting
- Power steering kit
- Trim indicator
- Transom (Trim system, Bull Horn and Mercathode)

Optional equipment & accessories

- Throttle and shift controls
- Additional instrumentation, Flying bridge extension harness
- Water boiler systems
- Stuffing box connections
- Complete fuel systems
- Separated trim control
- Fuel level gauge
- Trim indicator extension
- Trim control extension
- Aluminium or Stainless steel propellers
- Steering bar (on twin engine installation)
- Stern Drive Bravo X One, Bravo X Two, Bravo X Three

RATING

- Up to 500 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

- ZF63

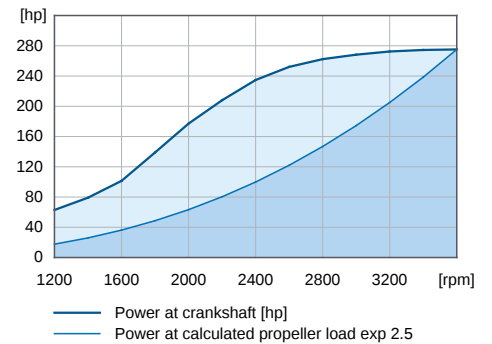
Stern Drive

- Bravo X Three
- Bravo X Two

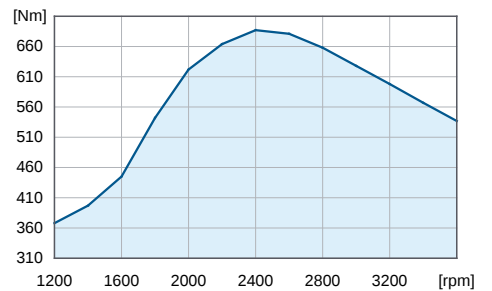
Contact your local dealer for more details and availability for transmission model and type.

PERFORMANCE CURVES

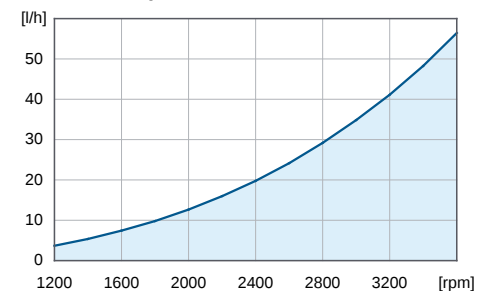
Power at crankshaft



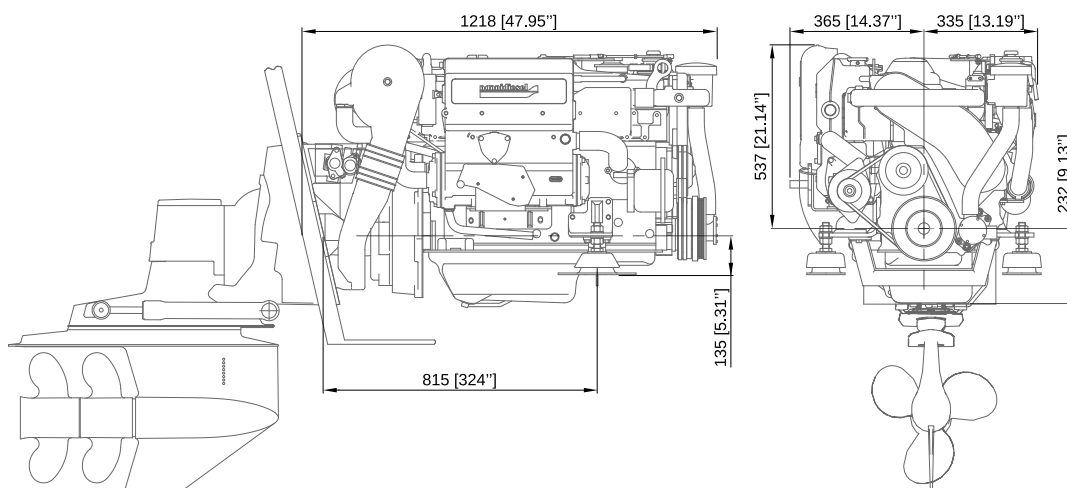
Torque at crankshaft



Fuel consumption



DIMENSIONS WITH BRAVO X THREE



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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