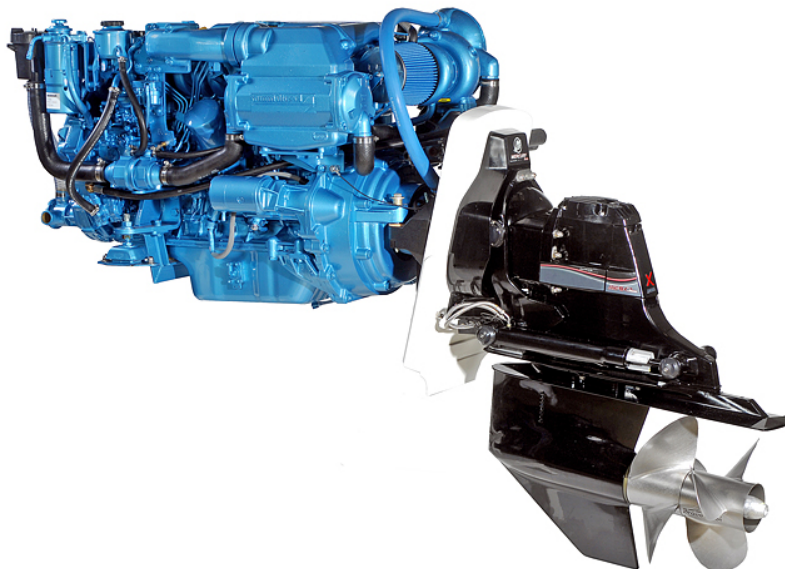


Z6.300

Specifications



Power at crankshaft	202.4 kW [275 hp]
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Displacement	4.2 l [254 in ³]
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Configuration	6 cylinders in line 4 valves per cylinder
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Operation type	4 stroke Diesel
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Bore & Stroke	94 x 100 mm [3.7 x 3.94 in]
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Compression ratio	15.7:1
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Rated speed	3600 rpm
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Idle speed	700 rpm
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Peak torque	687 Nm
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Peak torque speed	2400 rpm
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Dry weight	
with Bravo X One	541 kg [1192 lb]
with Bravo X Two	548 kg [1208 lb]
with Bravo X Three	552 kg [1216 lb]

Engine base	Toyota
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Fuel system	Direct injection Mechanical governor
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Air intake	Turbocharged with intercooler
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Cooling	Closed cooling with heat exchanger
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Mounting angle	7° Front up 0° Front down
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Alternator	12 Volt 80 Amp
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Rating	M6
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Emission compliance	RCD 94/25/EC BSO 2
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Z6.300

202.4 kW [275 hp] @ 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

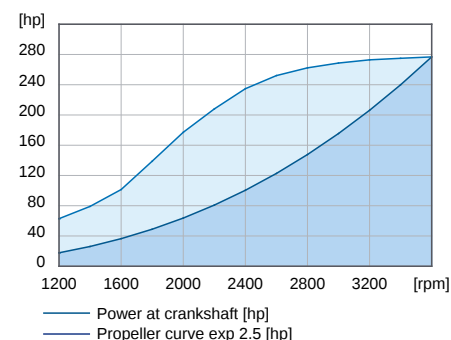
Stern Drive

- Bravo X One
- Bravo X Three
- Bravo X Two

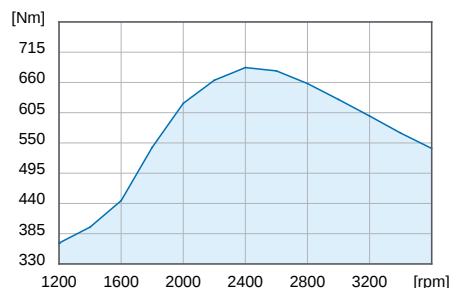
Contact your local dealer for more details and availability for transmission model and type.

PERFORMANCE CURVES

Power at crankshaft

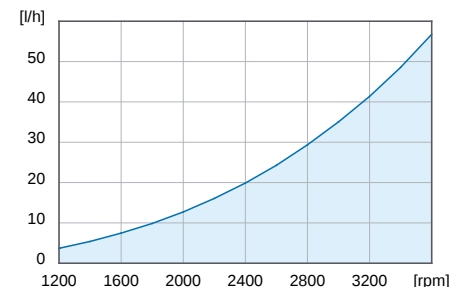


Torque at crankshaft

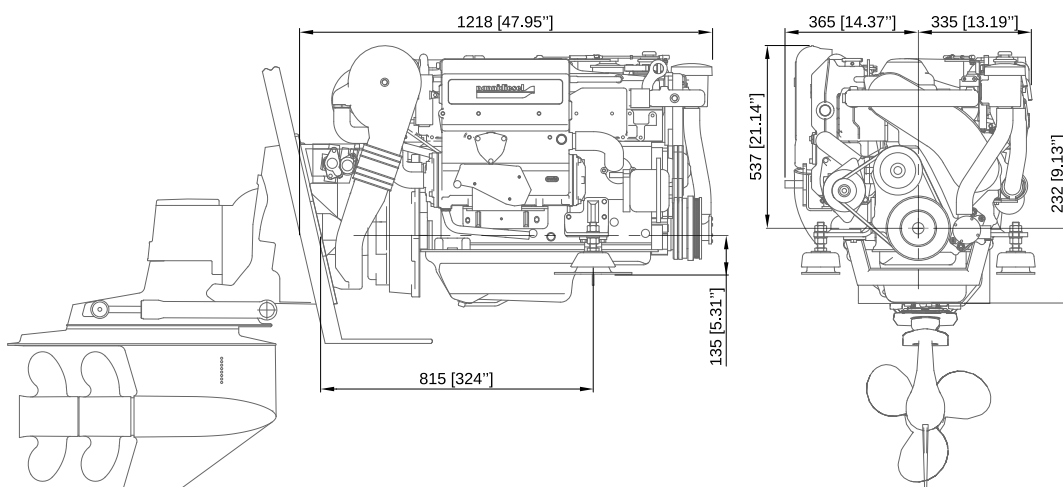


Fuel consumption

At calculated propeller load exp 2.5



DIMENSIONS WITH BRAVO X THREE



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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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