T8V.370
SPECIFICATIONS

Power at crankshaft	272 kW [370 hp]		Engine base	Toyota
Displacement	4.5 l [272 in³]		Fuel system	Direct injection High pressure Common Rail Electronically controlled
Configuration	8 cylinders V design 90° 4 valves per cylinder		Air intake	Twin turbocharger
Operation type	4 strokes Diesel		Cooling	Closed cooling with heat exchanger
Bore & Stroke	86 x 96 mm [3.39 x 3.78 in]		Max mounting angle	7° Front down 7° Front up
Compression ratio	15.8 : 1		Alternator	12 Volt 120 Amp
Rated speed	3800 rpm		Rating	M6
Idling speed	550 rpm		Emission compliance	EPA marine Tier 3 RCD2 2013/53/EU
Peak torque	806 Nm		Dry weight	435 kg [959 lbs]
Peak torque speed	2600 rpm			

nanni
ENERGY IN BLUE

T8V.370
272 kW [370 hp] at 3800 rpm

TECHNICAL DESCRIPTION

ENGINE BLOCK
- 8 Cylinders V design 90°
- 4 Valves per cylinder
- Dual Overhead camshafts (DOHC)
- Water cooled exhaust manifold
- Internal balancers

FUEL SYSTEM
- Common Rail injection system
- Fuel filter with hand primer
- Integrated fuel cooler

LUBRICATION SYSTEM
- Replacable 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
- 12 V / 120 A alternator
- 12 V Electrical system
- Complete instrumentation including key switch and alarms

AIR INTAKE
- Twin turbocharger

OTHER FEATURES
- Flexible engine mountings

OPTIONAL EQUIPMENTS & ACCESSORIES
- Complete marine propulsion systems
- Marine transmission adaptation kits
- Throttle and shift controls
- Additional instrumentation, Flying bridge extension harness
- Complete fuel systems
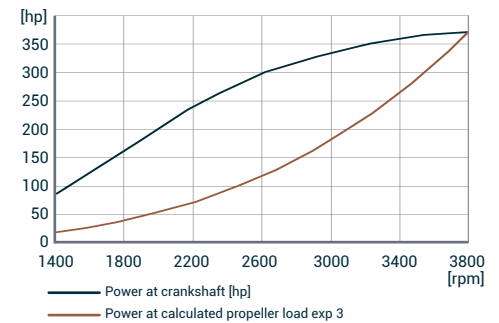- Complete exhaust systems

RATINGS
- 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 time must be at, or below cruising speed
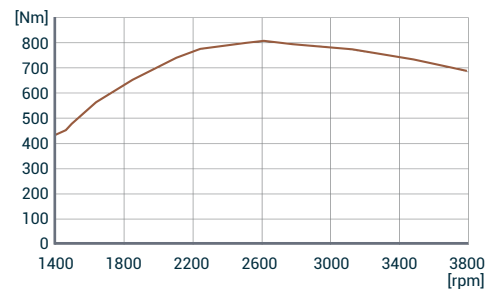
TRANSMISSIONS
- Contact your local Nanni dealer for more details and availability for transmission model and type.
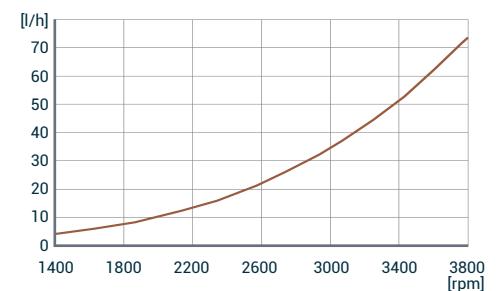
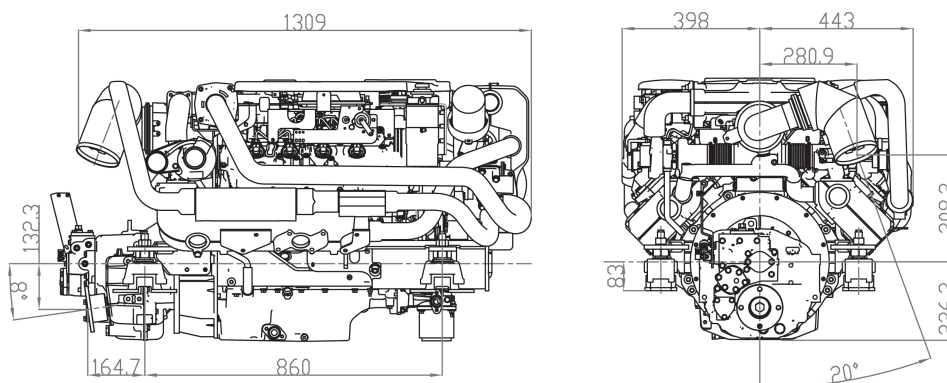## PERFORMANCE CURVES

POWER AT CRANKSHAFT

— Power at crankshaft [hp]
— Power at calculated propeller load exp 3

TORQUE AT CRANKSHAFT

FUEL CONSUMPTION

DIMENSIONS