

# N5.150

## SPECIFICATIONS



Power at crankshaft	112 kW [152 hp]
Displacement	4.5 l [275 in³]
Configuration	4 cylinders in line
Operation type	4 strokes Diesel
Bore & Stroke	106.4 x 127 mm [4.19 x 5 in]
Compression ratio	17.2 : 1
Rated speed	2600 rpm
Idling speed	700 rpm
Peak torque	507 Nm

Engine base	John Deere
Fuel system	Direct injection Mechanical controlled
Air intake	Turbocharged
Cooling	Closed cooling with heat exchanger
Max mounting angle	0° Front down 12° Front up
Alternator	24 Volt 50 Amp
Rating	M4
Dry weight	462 kg [1018 lbs]
Peak storque speed	1800 rpm

# N5.150

112 kW [152 hp] at 2600 rpm

## TECHNICAL DESCRIPTION

### ENGINE BLOCK

- Replaceable wet-type cylinder liners
- Watercooled exhaust manifold

### FUEL SYSTEM

- Primary & secondary fuel filter
- Common Rail fuel injection system

### LUBRICATION SYSTEM

- Replaceable full-flow oil filter
- Oil dipstick
- 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

- 24V / 50A alternator
- 24V starter motor
- Complete instrumentation including key switch and alarms
- Extension cable harness with plug-and-play

### AIR INTAKE

- Turbocharged

### OTHER FEATURES

- Flywheel SAE 3
- Flexible engine mounting
- Internal balancers

### OPTIONAL SYSTEMS & ACCESSORIES

- Keel cooling adaptation
- Dry exhaust elbow
- Complete marine propulsion systems
- Marine transmission adaptation kits
- Throttle and shift controls
- Additional instrumentation, Flying bridge extension harness
- Rigid engine mounting
- Power take off
- Type of approval

## RATINGS

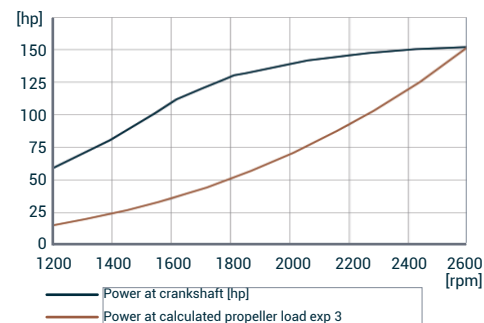
- Up to 3000 annual operating hours
- Load factor up to 40%
- Full power for no more than 1 hour out of each 12 hours of operation. The remaining operation time must be at or below cruising speed.

## TRANSMISSIONS

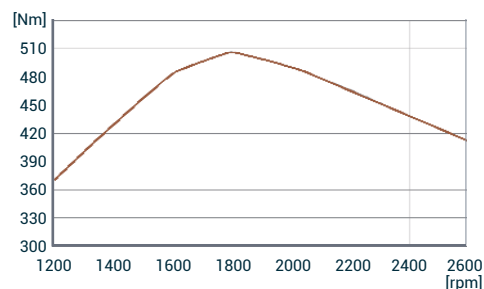
- Contact your Nanni representative for more details and availability about transmissions types and models range

## PERFORMANCE CURVES

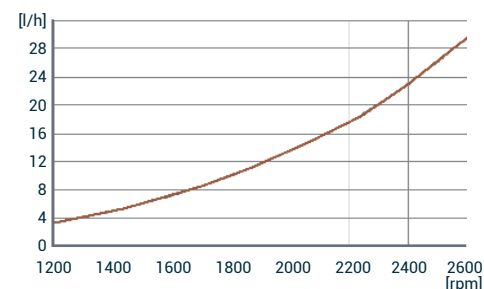
### POWER AT CRANKSHAFT



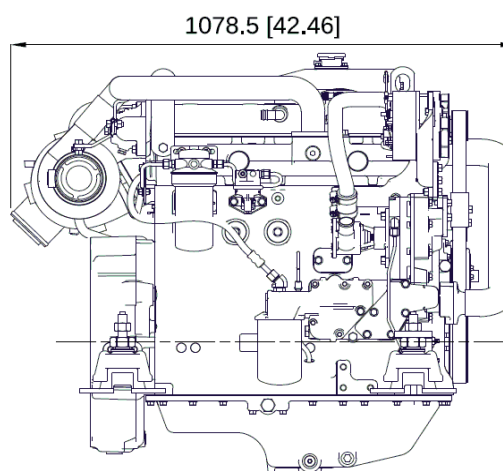
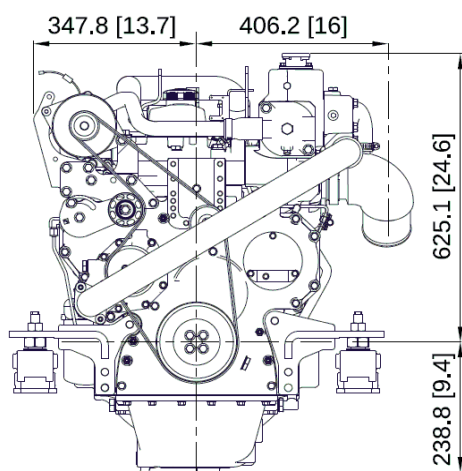
### TORQUE AT CRANKSHAFT



### FUEL CONSUMPTION



## DIMENSIONS



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