

N5.150

Specifications



Power at crankshaft	112 kW [152 hp]
Displacement	4.5 l [275 in ³]
Configuration	4 cylinders in line
Operation type	4 stroke 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
Peak torque speed	1800 rpm
Dry weight	462 kg [1018 lbs]

Engine base	John Deere
Fuel system	Direct injection Mechanical governor
Air intake	Turbocharged
Cooling	Closed cooling with heat exchanger
Max mounting angle	0° Front up 12° Front down
Alternator	24 Volt 50 Amp
Rating	M4

N5.150

112 kW [152 hp] at 2600 rpm

TECHNICAL DESCRIPTION

Engine block

- Replaceable wet-type cylinder liners
- Watercooled exhaust manifold

Fuel system

- Fuel filter
- Direct injection, mechanical governor

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
- 24 Volt starter motor
- Complete instrumentation including key switch and alarms
- Extension cable harness with plug-in connection

Air intake

- Turbocharged

Other features

- Flywheel SAE 3
- Flexible engine mounting
- Internal balancers

Optional equipment & 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 approval

RATING

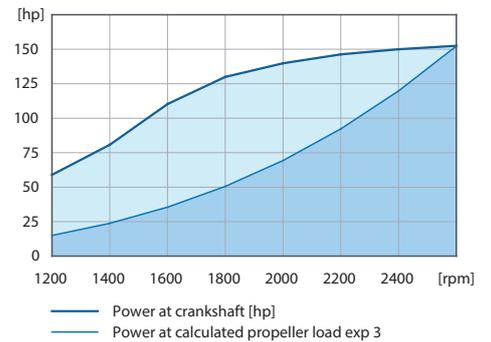
- Up to 3000 annual operating hours
- Load factor up to 40%
- Full power for no more than 1 hour out of each 12 hours of operation. The remaining operation time must be at or below cruising speed

TRANSMISSIONS

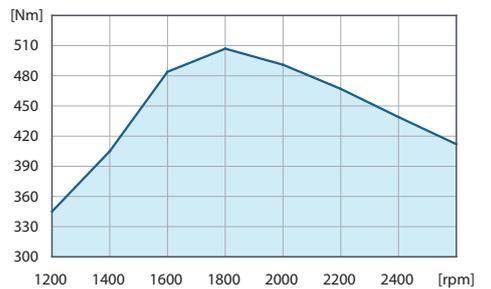
Contact your local dealer for more details and availability for transmission model and type.

PERFORMANCE CURVES

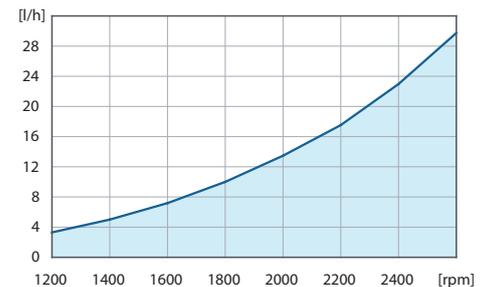
Power at crankshaft



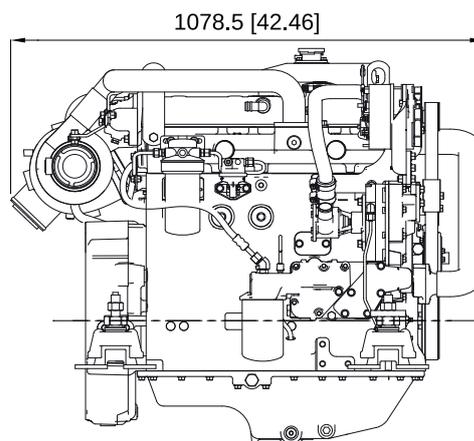
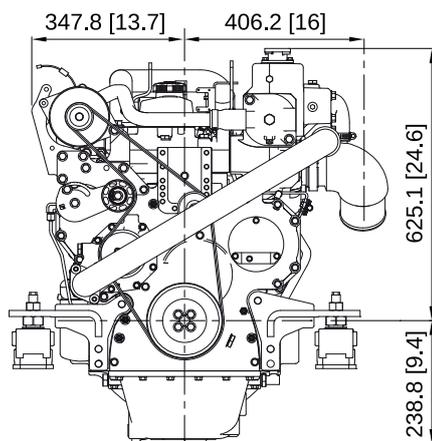
Torque at crankshaft



Fuel consumption



DIMENSIONS BOBTAIL



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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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