

# N13.370 CR1

## Specifications



|                     |                               |
|---------------------|-------------------------------|
| Power at crankshaft | 272 kW [370 hp]               |
| Displacement        | 13.6 l [830 in <sup>3</sup> ] |
| Configuration       | 6 cylinders in line           |
| Operation type      | 4 stroke Diesel               |
| Bore & Stroke       | 132 x 165 mm [5.2 x 6.5 in]   |
| Compression ratio   | 16:1                          |
| Rated speed         | 1800 rpm                      |
| Idling speed        | 600 rpm                       |
| Peak torque         | 1998 Nm                       |
| Peak torque speed   | 1300 rpm                      |
| Dry weight          | 1380 kg [3042 lbs]            |

|                     |                                                              |
|---------------------|--------------------------------------------------------------|
| Engine base         | John Deere                                                   |
| Fuel system         | Electronically controlled unit injectors                     |
| Air intake          | Turbocharged<br>Air-to-Coolant aftercooler                   |
| Cooling             | Closed cooling with heat exchanger                           |
| Max mounting angle  | 0° Front up<br>12° Front down                                |
| Alternator          | 24 Volt<br>100 Amp                                           |
| Rating              | M1                                                           |
| Emission compliance | IMO Annex VI compliant<br>EPA marine Tier 3<br>NRMM 97/68/EC |

# N13.370 CR1

272 kW [370 hp] at 1800 rpm

## TECHNICAL DESCRIPTION

### Engine block

- Replaceable wet-type cylinder liners
- 4 valves per cylinder
- Directed top-liner cooling
- Watercooled exhaust manifold

### Fuel system

- Electronically controlled unit injectors
- Primary & secondary fuel filter

### 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 100A alternator
- 24 Volt starter motor
- Complete instrumentation including key switch and alarms
- Extension cable harness with plug-in connection

### Air intake

- Water cooled turbocharger
- Air-to-Coolant aftercooler

### Other features

- Flywheel SAE 1
- Damper pulley
- Flexible engine mounting

## 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

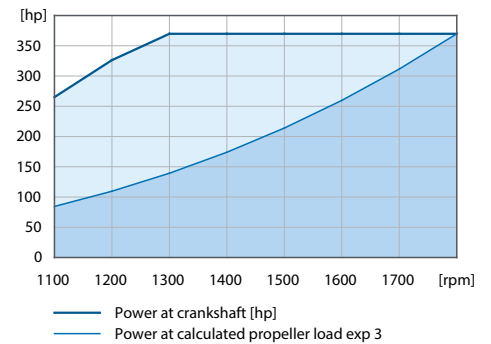
- 24 daily operating hours
- Load factor over 65%
- Uninterrupted full power

## TRANSMISSIONS

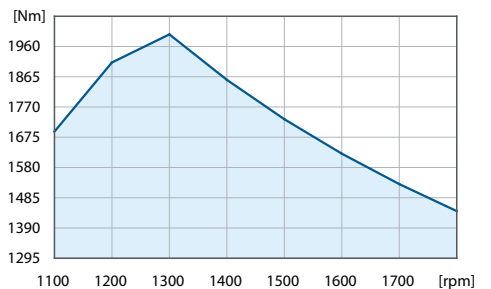
Contact your local dealer for more details and availability for transmission model and type.

## PERFORMANCE CURVES

### Power at crankshaft



### Torque at crankshaft



### Fuel consumption

