

# N13.430 CR2

## Specifications



Power at crankshaft	317 kW [431 hp]	Engine base	John Deere
Displacement	13.6 l [830 in <sup>3</sup> ]	Fuel system	Electronically controlled unit injectors
Configuration	6 cylinders in line	Air intake	Turbocharged Air-to-seawater aftercooler
Operation type	4 stroke Diesel	Cooling	Closed cooling with heat exchanger
Bore & Stroke	132 x 165 mm [5.2 x 6.5 in]	Max mounting angle	0° Front up 12° Front down
Compression ratio	16:1	Alternator	24 Volt 100 Amp
Rated speed	1800 rpm	Rating	M1
Idling speed	600 rpm	Emission compliance	IMO Annex VI compliant EPA marine Tier 3 NRMM 97/68/EC RCD2013/53/EU
Peak torque	2328.6 Nm		
Peak torque speed	1300 rpm		
Dry weight	1380 kg [3042 lbs]		

# N13.430 CR2

317 kW [431 hp] at 1800 rpm

## TECHNICAL DESCRIPTION

### Engine block

- Replaceable wet-type cylinder liners
- 4 valves per cylinder
- 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

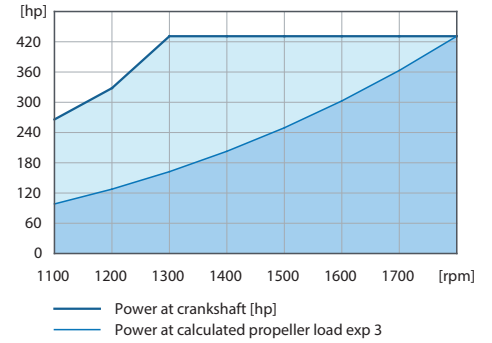
- 24 daily operating hours
- Load factor over 65%
- Uninterrupted full power

## TRANSMISSIONS

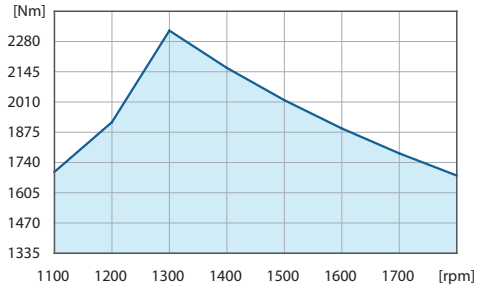
Contact your local dealer for more details and availability for transmission model and type.

## PERFORMANCE CURVES

### Power at crankshaft



### Torque at crankshaft



### Fuel consumption

