

# Product Specifications for 1204J-E44TTA

<b>Maximum Power</b>	150 kW
<b>Maximum Torque</b>	825 Nm @ 1400 rpm
<b>Rated Speed</b>	2200 rpm
<b>Minimum Power</b>	112 kW
<b>Emissions</b>	EU Stage V, U.S. EPA Tier 4 Final
<b>Number of Cylinders</b>	4 inline
<b>Cycle</b>	4 stroke
<b>Bore</b>	105 mm
<b>Stroke</b>	127 mm
<b>Displacement</b>	4.4 l
<b>Compression Ratio</b>	16.5:1
<b>Aspiration</b>	Series turbocharged aftercooled
<b>Combustion System</b>	Direct injection
<b>Rotation from Flywheel End</b>	Anti-clockwise
<b>Aftertreatment</b>	DOC+DPF+SCR
<b>Cooling System</b>	Liquid

<b>Length</b>	822 mm
---------------	--------

<b>Width</b>	748 mm
--------------	--------

<b>Height</b>	897 mm
---------------	--------

<b>Dry Weight</b>	535 kg
-------------------	--------

<b>Note 1</b>	*Final dimensions dependent on selected options
---------------	---

## 1204J-E44TTA Standard Equipment

### Air System

Standard air cleaners

### Electrical and Electronics

Flexible and configurable software features and well-supported SAE J1939 CAN bus enables highly integrated machines

Full electronic control system, all connectors and wiring looms waterproof and designed to withstand harsh off-highway environments

### Cooling System

50:50 water glycol mix

Detailed guidance on cooling system design and validation available to ensure machine reliability

Top tank temperature 108°C (226°F) as standard to minimize cooling pack size

## **Flywheel and Flywheel Housing**

Wide choice of drivetrain interfaces, including SAE No. 2 and SAE No. 3 configurations

## **Fuel System**

Electronic high pressure common rail

Innovative filter design to ensure maximum protection of the engine

## **General**

Available with or without a balancer

## **Oil System**

Wide choice of sumps for different applications

## **Power Take-Off (PTO)**

SAE A and SAE B flanges on left-hand side. Additional SAE A flange available on left-hand side. Engine power can also be taken from the front of the engine on some applications. Factory fitted compressors are also available.

