

# Product Specifications for 1206J-E70TTA



## Power Rating

<b>Maximum Power</b>	225 kW
<b>Maximum Torque</b>	1274 Nm @ 1400 rpm
<b>Rated Speed</b>	2200 rpm
<b>Minimum Power</b>	151 kW

## Emission Standards

<b>Emissions</b>	EU Stage V, U.S. EPA Tier 4 Final
------------------	-----------------------------------

## General

<b>Number of Cylinders</b>	6 inline
<b>Cycle</b>	4 stroke
<b>Bore</b>	105 mm
<b>Stroke</b>	135 mm
<b>Displacement</b>	7 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

# Engine Dimensions\*

<b>Length</b>	1769 mm
<b>Width</b>	916 mm
<b>Height</b>	1461 mm
<b>Dry Weight</b>	1087 kg

## Disclaimer

**Note 1**

\*Final dimensions dependent on selected options

## 1206J-E70TTA Standard Equipment

### Aftertreatment Equipment

3" flex pipe connection kit with rotatable elbow for 60° and 90° RS inlet flexibility  
Passive regeneration system

### Air System

Standard air cleaners

### 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

### Electrical and Electronics

Full electronic control system, all connectors and wiring looms waterproof and designed to withstand harsh off-highway environments  
Flexible and configurable software features and well-supported SAE J1939 CAN bus enables highly integrated machines

### Flywheel and Flywheel Housing

Wide choice of drivetrain interfaces, including SAE No. 1, SAE No. 2, and SAE No. 3 configurations

### Fuel System

Electronic high pressure common rail

Industrial technology requires Ultra Low Sulphur Diesel Fuel (ULSD, 15 ppm sulphur), in addition to ultra low sulphur diesel oils, for use in Tier 4 Interim/Stage IIIB engines. These cleaner fuels and oils will help reduce ash and maintain service intervals. In addition, B20 biodiesel capability adds even greater sustainability where desired or required.

Innovative filter design to ensure maximum protection of the engine

## Oil System

Wide choice of sumps for different applications

## Power Take-Off (PTO)

SAE A or SAE B flanges on left-hand side. Right-hand side twin PTO also available. Engine power can also be taken from the front of the engine on some applications.

Factory fitted compressors are also available.