

Product Specifications for 1206EA-E70TTA

Power Rating

Maximum Power	225 kW
Maximum Torque	1274 Nm @ 1400 rpm
Rated Speed	1800-2200 rpm
Minimum Power	151 kW

Emission Standards

Emissions	China NR IV
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General

Number of Cylinders	6 inline
Cycle	4 stroke
Bore	105 mm
Stroke	135 mm
Displacement	7 l
Compression Ratio	16.5:1
Aspiration	Series turbocharged aftercooled
Combustion System	Direct injection
Rotation from Flywheel End	Anti-clockwise
Aftertreatment	DOC+DPF+SCR
Cooling System	Liquid

Engine Dimensions*

Length	1047 mm
Width	911 mm
Height	911 mm
Dry Weight	751 kg

Disclaimer

Note 1

*Final dimensions dependent on selected options

1206EA-E70TTA Standard Equipment

Air System

Series turbochargers. Delivers high boost for power and torque, and superior load acceptance to a single turbocharger.

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

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

Flywheel and Flywheel Housing

Wide choice of drivetrain interfaces, SAE1, SAE2 and SAE3 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 – ensures maximum protection of the engine

Oil System

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

Aftertreatment Equipment

SCR