

PRODUCT SPECIFICATIONS FOR 1206J-E70TA

POWER RATING

Maximum Power	151 kW
Maximum Torque	870 Nm @ 1400 rpm
Rated Speed	2200 rpm
Minimum Power	129 kW

EMISSION STANDARDS

Emissions	EU Stage V, U.S Tier 4 Final
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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	Turbocharged aftercooled
Combustion System	Direct injection
Rotation from Flywheel End	Anti-clockwise
Aftertreatment	DOC+DPF+SCR
Cooling System	Liquid

ENGINE DIMENSIONS*

Length	1064 mm
Width	755 mm
Height	905 mm
Dry Weight	715 kg

DISCLAIMER

Note 1

*Final dimensions dependent on selected options

1206J-E70TA 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, SAE No. 1, SAE No. 2 and SAE No. 3 configurations

FUEL SYSTEM

Electronic high pressure common rail

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.