

Product Specifications for 1204J-E44TA

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|----------------------------|------------------------------------------|
| Maximum Power | 110 kW |
| Maximum Torque | 560 Nm @ 1400 rpm |
| Rated Speed | 2200 rpm |
| Minimum Power | 82 kW |
| Emissions | EU Stage V, U.S. EPA & CARB Tier 4 Final |
| Number of Cylinders | 4 inline |
| Cycle | 4 stroke |
| Bore | 105 mm |
| Stroke | 127 mm |
| Displacement | 4.4 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 |

| | |
|------------|-------------------------------------------------|
| Length | 803 mm |
| Width | 660 mm |
| Height | 1088 mm |
| Dry Weight | 488 kg |
| Length | 675 mm |
| Width | 478 mm |
| Height | 390 mm |
| Weight | 45 kg |
| Note 1 | *Final dimensions dependent on selected options |

1204J-E44TA 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.

