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Product Specifications for 1204F-E44TA



Maximum Power	110.1 kW
Maximum Torque	560 Nm @ 1400 rpm
Rated Speed	2200 rpm
Minimum Power	70 kW
Emissions	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+SCR
Cooling System	Liquid

Length	845 mm
Width	772 mm
Height	848 mm
Dry Weight	400 kg
Length	675 mm
Width	478 mm
Height	390 mm
Weight	45 kg
Note 1	*Final dimensions dependent on selected options

1204F-E44TA Standard Equipment

Aftertreatment Equipment

3" flex pipe kits available with a variety of elbow options for turbocharger connection

SCR Auxiliaries - A range of tanks and heated lines are available

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.

