

PRODUCT SPECIFICATIONS FOR 1104D-E44TA

POWER RATING

| | |
|-----------------------|-------------------|
| Maximum Power | 106 kW |
| Maximum Torque | 556 Nm @ 1400 rpm |
| Rated Speed | 2200 rpm |
| Minimum Power | 90.1 kW |

EMISSION STANDARDS

| | |
|------------------|--|
| Emissions | UN ECE R96 Stage IIIA, China Nonroad Stage III, Brazil MAR-1 |
|------------------|--|

GENERAL

| | |
|-----------------------------------|--------------------------|
| Number of Cylinders | 4 inline |
| Cycle | 4 stroke |
| Bore | 105 mm |
| Stroke | 127 mm |
| Displacement | 4.4 l |
| Compression Ratio | 16.2:1 |
| Aspiration | Turbocharged aftercooled |
| Combustion System | Direct injection |
| Rotation from Flywheel End | Anti-clockwise |
| Aftertreatment | - |
| Cooling System | Liquid |

ENGINE DIMENSIONS*

ENGINE DIMENSIONS

| | |
|-------------------|---------|
| Length | 1358 mm |
| Width | 746 mm |
| Height | 969 mm |
| Dry Weight | 594 kg |

DISCLAIMER

Note 1 *Final dimensions dependent on selected options

1104D-E44TA STANDARD EQUIPMENT

AIR SYSTEM

Mounted air filter and turbocharger

ELECTRICAL AND ELECTRONICS

Alternator (12 or 24 volt)

Starter motor (12 or 24 volt)

COOLING SYSTEM

Fan drive

Fan (pusher or puller)

Radiator

Water pump

FLYWHEEL AND FLYWHEEL HOUSING

SAE No. 3 flywheel housing

FUEL SYSTEM

Fuel filter

GENERAL

Engine mounting brackets

Glow plug starting aid

OIL SYSTEM

Oil cooler and filter

Timing case oil filler

POWER TAKE-OFF (PTO)

SAE A or SAE B front PTO (142/280 Nm)