

Product Specifications for 1104D-44TA

Power Rating

Maximum Power	83 kW
Maximum Torque	418 Nm @ 1400 rpm
Rated Speed	2200-2400 rpm
Minimum Power	68 kW

Emission Standards

Emissions	UN ECE R96 Stage IIIA, China Nonroad Stage III
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General

Number of Cylinders	4 inline
Cycle	4 stroke
Bore	105 mm
Stroke	127 mm
Displacement	4.4 l
Compression Ratio	18.2:1
Aspiration	Turbocharged (air-to-air charge cooled)
Combustion System	Direct injection
Rotation from Flywheel End	Anti-clockwise
Aftertreatment	-
Cooling System	Liquid

Engine Dimensions*

Length	663 mm
Width	602 mm
Height	775 mm
Dry Weight	306 kg

Disclaimer

Note 1

*Final dimensions dependent on selected options

1104D-44TA Standard Equipment

Air System

Air compressor
Exhaust manifold
Induction manifold

Electrical and Electronics

Alternator
Starter motor

Cooling System

Cooling pack
Fan drive

Flywheel and Flywheel Housing

Adaptor plate
Flywheel and starter ring

Fuel System

Fuel filter

General

Cold start aid
Engine mountings

Oil System

Lubricating oil filter and breather

Oil filter positions

Power Take-Off (PTO)

Belt driven auxiliaries

Front end drive

SAE A or SAE B PTO drive

Timing case and gear driven auxiliaries