

# 1204J-E44TA/TTA

Industrial Engine

EU Stage V/U.S. EPA Tier 4 Final and  
Japan 2014 (Tier 4 Final)

82-150 kW (109-201 hp)

The Perkins® 1200 Series, 4 cylinder option gives you a complete power solution that meets the latest EU Stage V, U.S. EPA Tier 4 Final and Japan 2014 (Tier 4 Final) emission standards. The choice of options, engine configurations and robust technology allows you to integrate the 1204 range into your equipment with minimum re-engineering. The innovative, compact and flexible design of the 1200 Series means it can be found in more than 800 different models of equipment.



## Features and Benefits

### A lifetime of low cost

We have designed the Perkins® 1204 range with optimised fuel consumption in mind, matching it to the operating cycles of a wide range of equipment and applications. Low cost maintenance is achieved through hydraulic tappets, multi-vee belts, service free aftertreatment and 500 hour oil change intervals.

### Ideal for downsizing

High power density, combined with excellent torque in the 1204 range allows you to select a more compact engine where previously you might have used an engine of a higher cubic capacity. This downsizing has several benefits, including saving you money and providing more space to package aftertreatment units.

### Tailored for your machines

Working closely with OEMs, we have developed a wide range of variables so that the 1204 range can easily fit into your machine. The 1200 Series benefits from our engineering experience and heritage. Its improved productivity and fuel consumption reduces the total cost of ownership.

Specification		
Cylinders	4	
Displacement, litres (in <sup>3</sup> )	4.4 (268.5)	
Aspiration	Turbocharged aftercooled	Twin turbocharged aftercooled
Bore and stroke, mm (in)	105 x 127 (4.13 x 5)	
Maximum power, kW (hp)	110 (147)	150 (201)
Rated speed, rpm	2200	
Maximum torque, Nm (lb ft) @ rpm	560 (413)	825 (608)
Combustion system	Direct injection	
Weight, kg (lb)	400 (881)	420 (926)
Rotation (viewed from flywheel)	Counterclockwise, viewed on flywheel	

For more information please contact a Perkins distributor: <http://distributorlocator.perkins.com>

All information in this document is substantially correct at time of printing and may be altered subsequently.  
Photographs are for illustrative purposes only and may not reflect final specification.  
Final weight and dimensions will depend on completed specification.  
Information subject to selected configuration, and subject to change without notice  
Engine power measured per ISO 14396:2002  
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 **Perkins®**

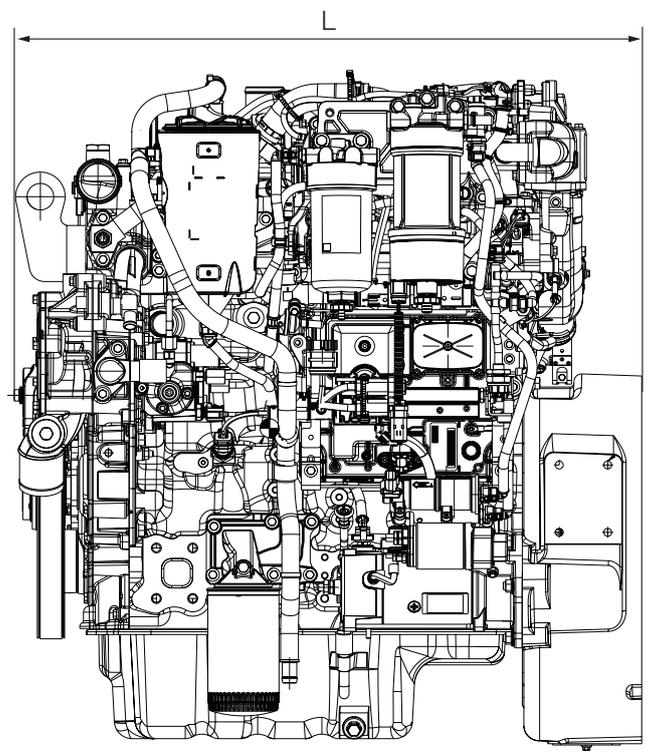
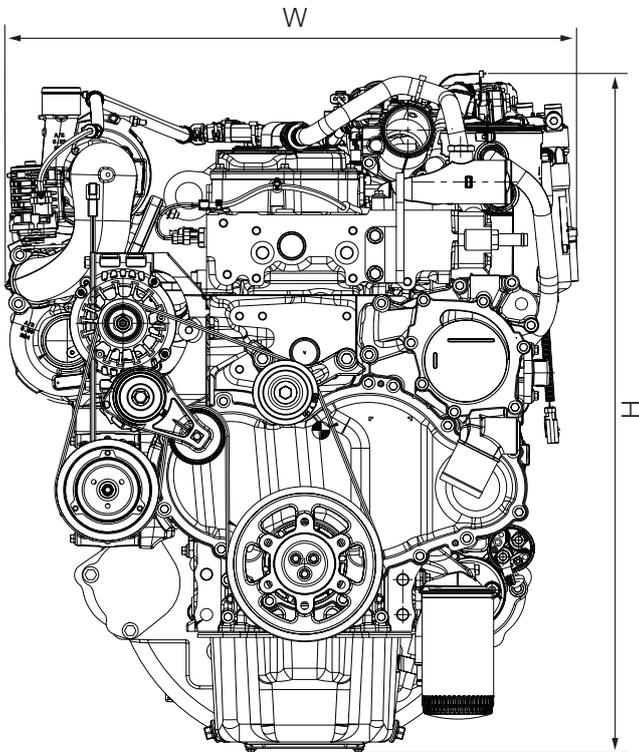
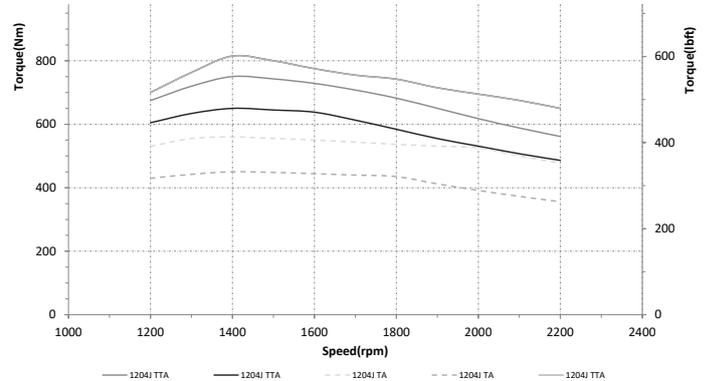
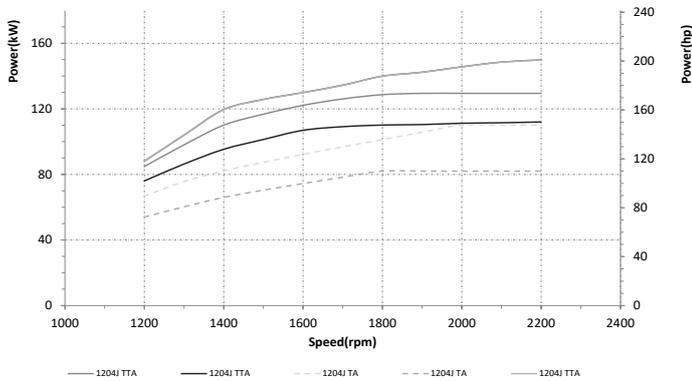
THE HEART OF EVERY GREAT MACHINE

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The above dimensional drawings are based on the twin turbocharged aftercooled model

	Turbocharged aftercooled	Twin turbocharged aftercooled
Length (excluding fan), mm (in)	803.7 (31.6)	822.3 (32.4)
Width, mm (in)	659.8 (26.0)	747.7 (29.4)
Height, mm (in)	1087.5 (42.8)	897.3 (35.3)
Weight, kg (lb)	487.6 (1075.0)	534.8 (1179.0)

Without aftertreatment, overall dimensions dependant on options selected

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