

INDUSTRIAL DIESEL ENGINE

Kubota 09 Series (4-Cylinder)

V5009-TI

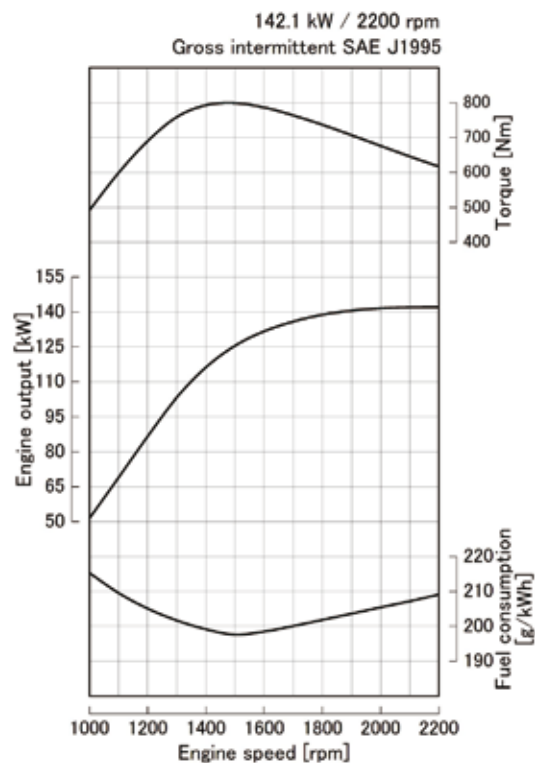
Rated Power

142.1 kW @ 2200 rpm



Photograph may show non-standard equipment.

Performance Curves



Features and Benefits

High Power Density

The Kubota 09 Series, a large industrial diesel engine, is a compact and high-output four-cylinder engine that delivers robust power. The V5009-TI offers 142.1 kW/2,200 rpm from a compact 5.017-liter displacement, making it an ideal choice for applications that demand high power output within limited installation space.

Platform Compatibility

The V5009-TI is intended for regions without emissions regulations and shares the same footprint as the emission-regulated model of the V5009. Customers can select the optimal engine specification for their target market while maintaining the same installation footprint.

Common Rail System

The V5009-TI features a Common Rail System (CRS) that enables precise fuel injection control, delivering optimized combustion and responsive performance across a wide range of operating conditions.

Durability and Robustness

The V5009-TI is engineered and validated through extensive durability testing that reflects the long operating hours and high-load conditions demanded by a wide range of industrial applications, delivering reliable engine performance and consistent output even under demanding operating environments.

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Engine Specifications

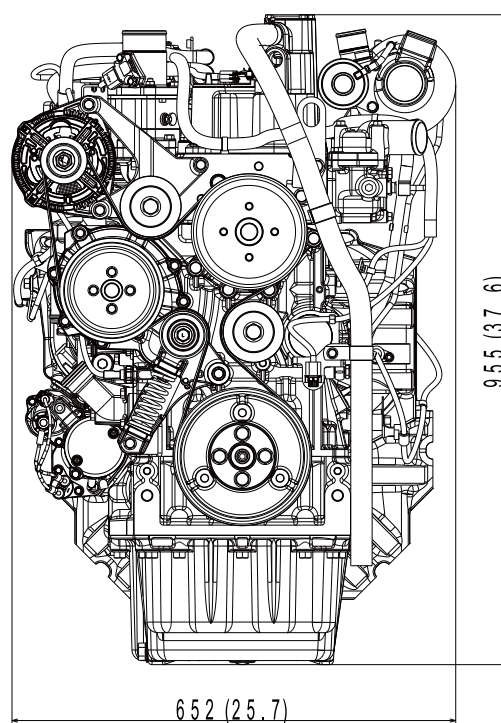
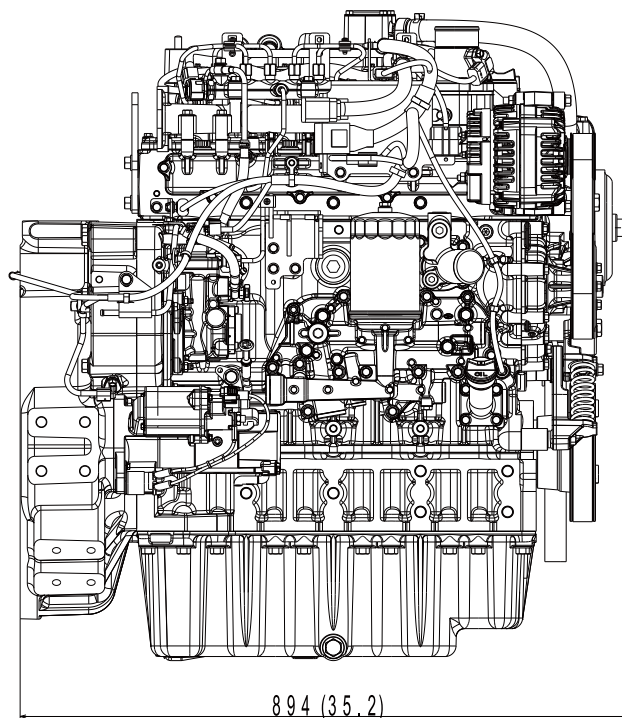
Engine model		V5009-TI
Emission regulation		-
Type		Vertical, water cooled 4-cycle diesel engine
Cylinders		4
Bore and Stroke	mm (in)	110.0 x 132.0 (4.331 x 5.197)
	L (cu.in)	5.017 (306.2)
Aspiration		Turbocharged + Turbo After Cooler
Aftertreatment		None
Rated output / speed *1	kW (HP) / rpm	142.1 (190.6) / 2200
	Nm (lb-ft) / rpm	798.8 (589.2) / 1500
Combustion system		Direct Injection
Fuel system		Common Rail System
Length x Width x Height *2 (without aftertreatment unit)	mm (in)	894 x 652 x 955 (35.2 x 25.7 x 37.6)
	kg (lb)	633 (1396)

Specifications are subject to change without prior notice.
Dimensions and dry weight are according to Kubota's standard specification.
Dimensions and weight depend on completed specifications.

*1: Gross intermittent SAE J1995

*2: Excluded cooling fan

Dimensions



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<https://engine.kubota.com/en/>

ASP-V5009-TI2607-N0-8-238142