

## INDUSTRIAL DIESEL ENGINE

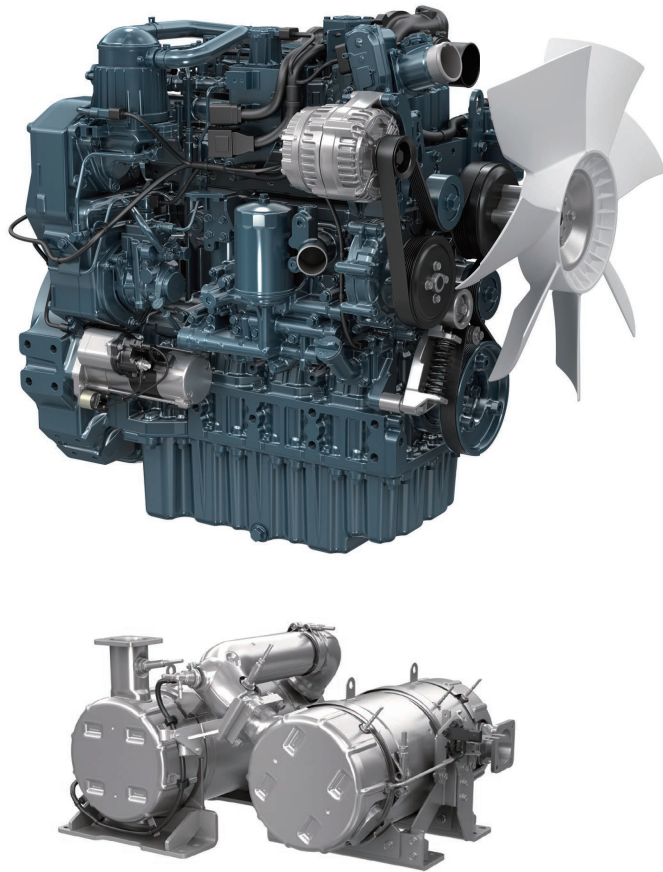
### Kubota 09 Series (4-Cylinder)

# V5009-TIE5



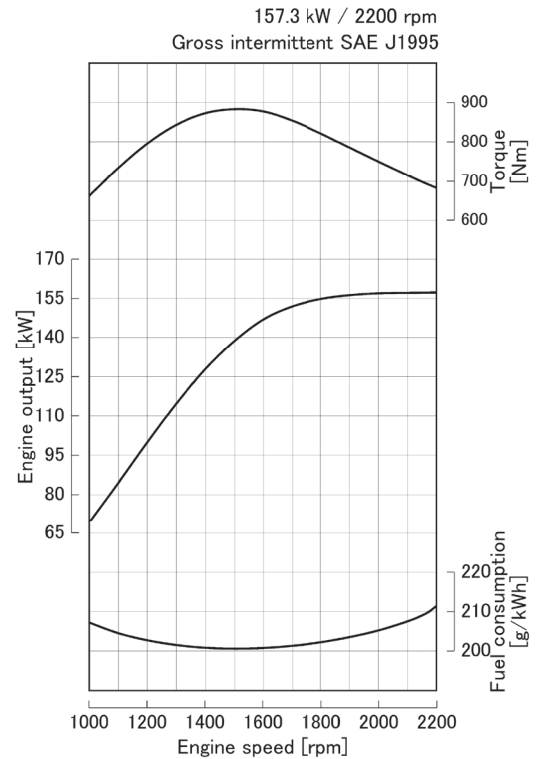
#### Rated Power

## 157.3 kW @ 2200 rpm



Photograph may show non-standard equipment.

#### Performance Curves



#### Features and Benefits

##### High Power Density

Compact 4-cylinder engine offers 157.3 kW high power.

##### Low Fuel Consumption

Best fuel-efficiency is achieved with optimized combustion.

##### Great Versatility

- 100% power take-off at the flywheel and front end
- Side PTO\*1 takes up to 3 hydraulic pumps
- Choice of flywheel housings and flywheels for OEM coupling

\*1: Auxiliary PTO

##### Easy Maintenance

- Automatic belt tensioner
- One-side maintenance

##### Emission Compliance

The Kubota V5009 engine complies with EU Stage V and EPA/CARB Tier 4. In order to meet these stringent regulations, the engine has a Diesel Oxidation Catalyst (DOC), a Diesel Particulate Filter (DPF) and Selective Catalytic Reduction (SCR).

# V5009-TIE5

## Engine Specifications

<b>Engine model</b>		V5009-TIE5
<b>Emission regulation</b>		EPA/CARB Tier4 + EU Stage V
<b>Type</b>		Vertical, water cooled 4-cycle diesel engine
<b>Cylinders</b>		4
<b>Bore and Stroke</b>	mm (in)	110.0 × 132.0 (4.331 × 5.197)
<b>Displacement</b>	L (cu.in)	5.017 (306.2)
<b>Aspiration</b>		Turbocharged + Turbo After Cooler
<b>Aftertreatment</b>		DOC + DPF + SCR
<b>Rated output / speed</b> *1	kW (HP) / rpm	157.3 (210.9) / 2200
<b>Maximum torque / speed</b> *1	Nm (lb-ft) / rpm	883.1 (651.3) / 1500 - 1600
<b>Combustion system</b>		Direct Injection
<b>Fuel system</b>		Common rail system
<b>Length x Width x Height</b> *2 (without aftertreatment unit)	mm (in)	894 × 693 × 967 (35.2 × 27.3 × 38.1)
<b>Dry weight</b> *2	kg (lb)	632 (1393)

Specifications are subject to change without prior notice.

DOC: Diesel Oxidation Catalyst

DPF: Diesel Particulate Filter

SCR: Selective Catalytic Reduction

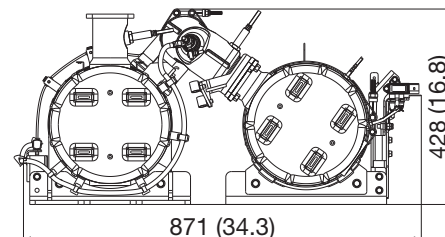
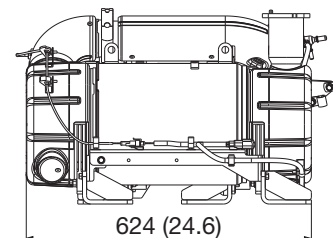
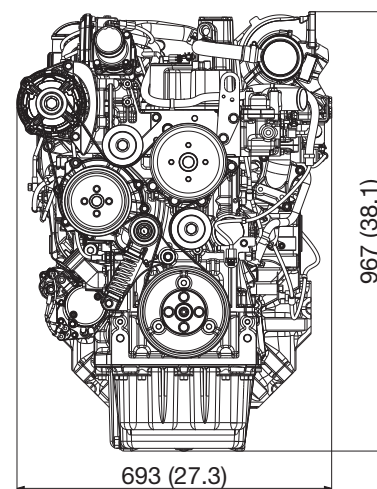
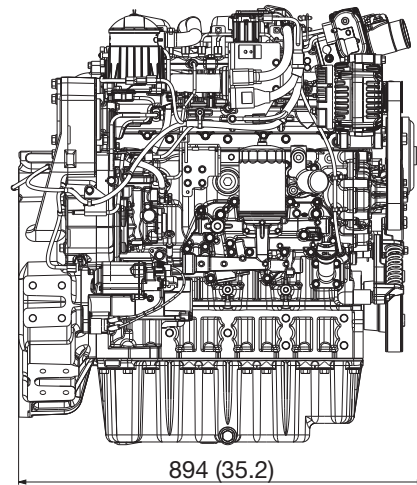
Dimensions and dry weight are according to Kubota's standard specification.

Dimensions and weight depend on completed specifications.

\*1: Gross intermittent SAE J1995

\*2: Excluded DPF muffler, SCR muffler, and cooling fan

## Dimensions



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