

INDUSTRIAL DIESEL ENGINE

Kubota 05 Series (4-Cylinder)

V1505-E3B (3600 rpm)



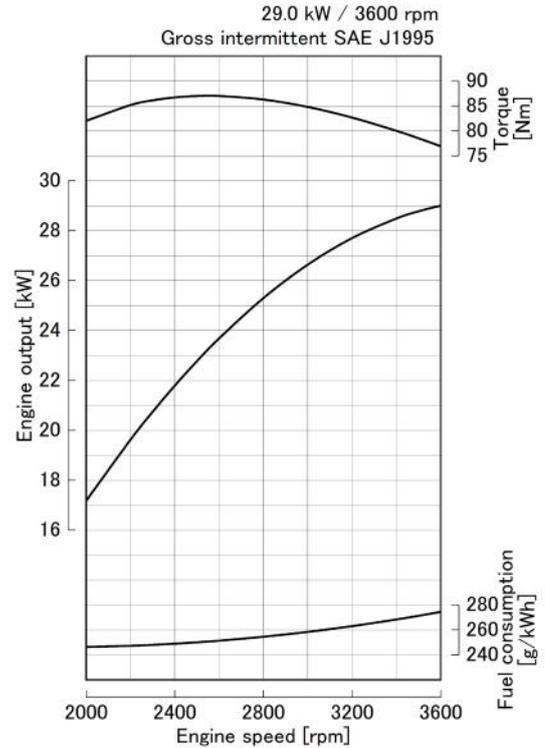
Rated Power

29.0 kW @ 3600 rpm



Photograph may show non-standard equipment.

Performance Curves



Features and Benefits

Emissions

The V1505 naturally aspirated engine complies with the EPA / CARB interim Tier 4 + EU Stage IIIA emissions regulations.

Durable Power

The popular Kubota V1505 naturally aspirated engine offers numerous benefits to applications calling for high speed performance via a compact engine package.

D1505 delivers a smooth transition from EPA Tier 2 to EPA interim Tier 4.

Clean and Quiet Power

Kubota's original E-TVCS (Three Vortex Combustion System) has been improved. The airflow, combustion chamber, and piston recess have been optimized to provide low particulate matter (PM) levels, matching the stringent level of emission regulation below 37 kW. The half-float valve cover and MoS₂-coated pistons reduce noise levels and decrease vibrations transmitted from the valve area.

V1505-E3B (3600 rpm)

Engine Specifications

Engine model		V1505-E3B (3600 rpm)
Emission regulation		EPA/CARB interim Tier 4 level + EU Stage IIIA
Type		Vertical, water cooled 4-cycle diesel engine
Cylinders		4
Bore and stroke	mm (in)	78.0 x 78.4 (3.07 x 3.09)
Displacement	L (cu.in)	1.498 (91.41)
Aspiration		Naturally aspirated
Aftertreatment		-
Rated output / speed *1	kW (HP) / rpm	29.0 (38.9) / 3600
Maximum torque / speed *1	Nm (lb-ft) / rpm	87.0 (64.2) / 2600
Combustion system		Indirect injection
Fuel system		In-line pump
Length x Width x Height *2 (without aftertreatment unit)	mm (in)	565 x 396 x 607 (22.2 x 15.6 x 23.9)
Length x Width x Height *3 (with aftertreatment unit)	mm (in)	-
Dry weight *3	kg (lbs)	110 (243)

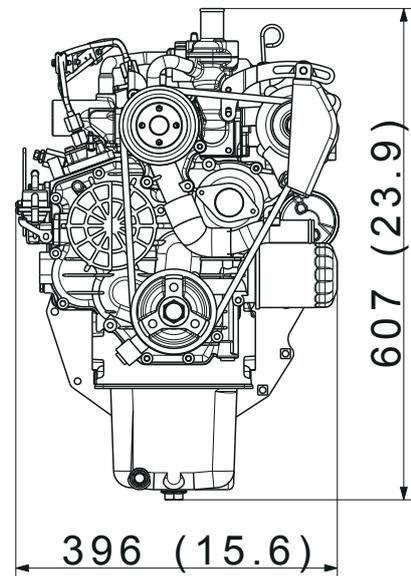
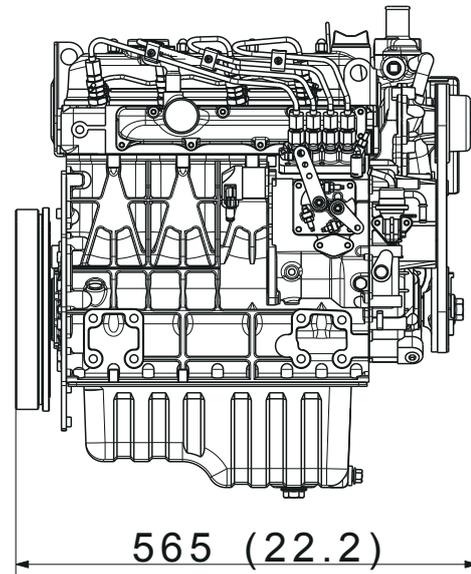
Specifications are subject to change without notice.
Dimensions and dry weight are according to Kubota's standard specification.
Dimensions and weight depend on completed specifications.

*1: SAE J1995 gross intermittent

*2: Exclude cooling fan and exclude aftertreatment unit

*3: Exclude cooling fan and include aftertreatment unit on engine

Dimensions



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

ASP-V1505-E3B361808-R1-I