

## INDUSTRIAL DIESEL ENGINE

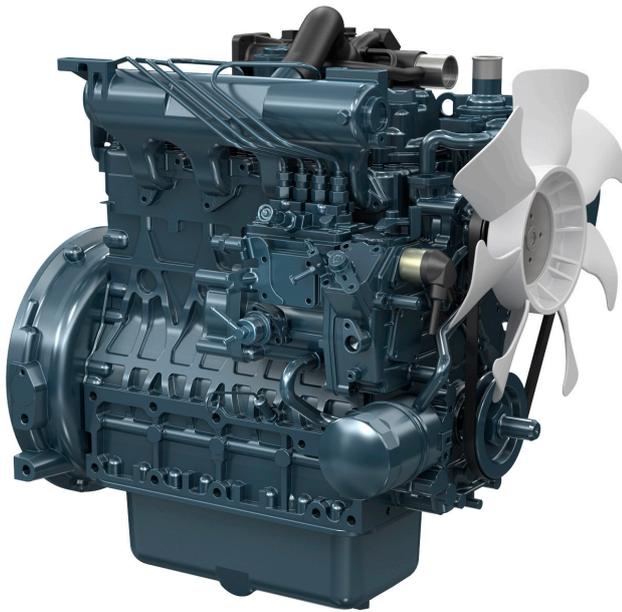
### Kubota 03 Series (4-Cylinder)

# V2403-M-T-E3B



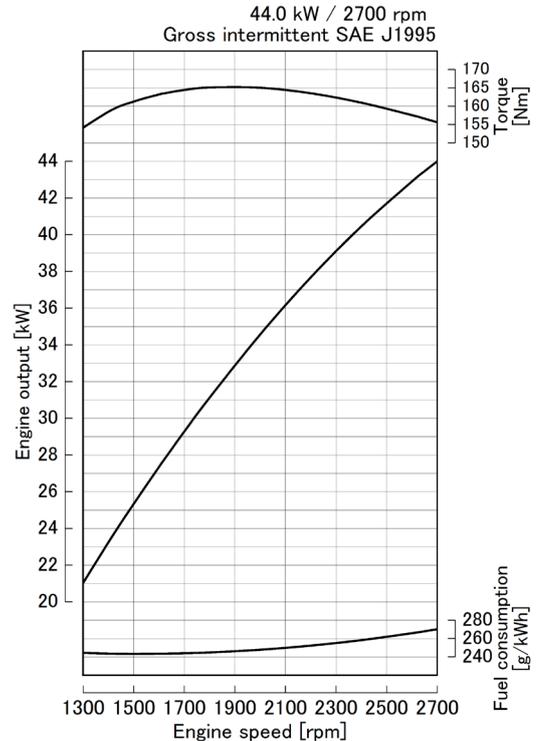
#### Rated Power

## 44.0 kW @ 2700 rpm



Photograph may show non-standard equipment.

#### Performance Curves



#### Features and Benefits

##### Emissions

V2403-M turbocharged engines comply with EPA / CARB interim Tier 4 + EU Stage IIIA emissions regulations.

##### Durable Power

The Kubota V2403-M-T engine is a high power density engine that delivers the highest output within the Kubota 03-M Series. By expanding the bore and stroke, Kubota has increased engine displacement.

The cooling water passages between the cylinder bores features Kubota's original casting technology as a countermeasure against the heat load caused by high power density, providing both superior endurance and reliable engine performance.

With numerous features such as a built-in solenoid, low fan position, and single-side serviceability, this engine provides excellent performance and flexibility.

##### 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 lower particulate matter (PM) levels.

The half-float valve cover and MoS<sub>2</sub>-coated pistons reduce noise levels and decrease vibrations transmitted from the valve area, providing enhanced noise reduction.

##### Options

Kubota 03-M Series engines offer side power take-off (PTO) in response to the trend of the use of hydraulic control devices in industrial machines. A hydraulic pump can be installed at the two side PTO locations.

A direct injection engine is also available.

# V2403-M-T-E3B

## Engine Specifications

<b>Engine model</b>		V2403-M-T-E3B
<b>Emission regulation</b>		EPA/CARB interim Tier 4 level + EU Stage IIIA level
<b>Type</b>		Vertical, water cooled 4-cycle diesel engine
<b>Cylinders</b>		4
<b>Bore and stroke</b>	mm (in)	87.0 x 102.4 (3.43 x 4.031)
<b>Displacement</b>	L (cu.in)	2.434 (148.5)
<b>Aspiration</b>		Turbocharged
<b>Aftertreatment</b>		-
<b>Rated output / speed</b> *1	kW (HP) / rpm	44.0 (59.0) / 2700
<b>Maximum torque / speed</b> *1	Nm (lb-ft) / rpm	165.1 (122.0) / 1800
<b>Combustion system</b>		Indirect injection
<b>Fuel system</b>		In-line pump
<b>Length x Width x Height</b> *2 (without aftertreatment unit)	mm (in)	646 x 495 x 725 (25.4 x 19.5 x 28.5)
<b>Length x Width x Height</b> *3 (with aftertreatment unit)	mm (in)	-
<b>Dry weight</b> *3	kg (lbs)	201 (443)

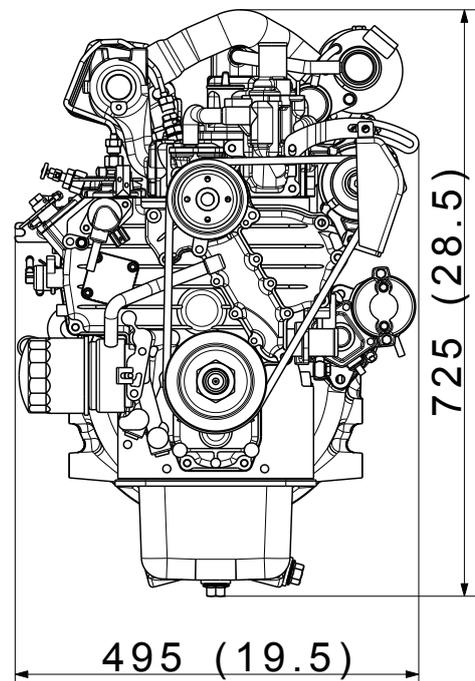
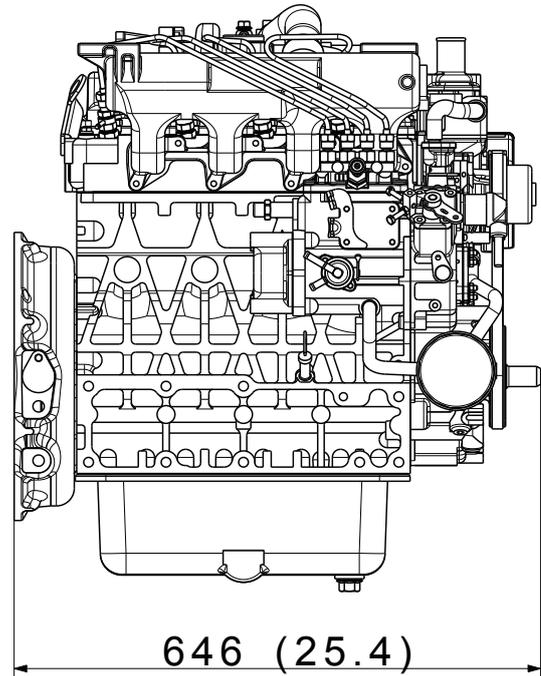
Specifications are subject to change without notice.  
Dimensions and dry weight are according to Kubota's standard specification.  
Dimensions and weight depend on completed specifications.

\*1: SAE J1995 gross intermittent

\*2: Exclude cooling fan and exclude aftertreatment unit

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

## Dimensions



**Kubota Corporation**

2-47, Shikitsu Higashi 1-chome Naniwa-ku, Osaka, 556-8601 Japan

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

ASP-V2403-M-T-E3B1808-R1-I