

INDUSTRIAL DIESEL ENGINE

KUBOTA 07 SERIES (4-cylinder)

V2607-DI-E3B



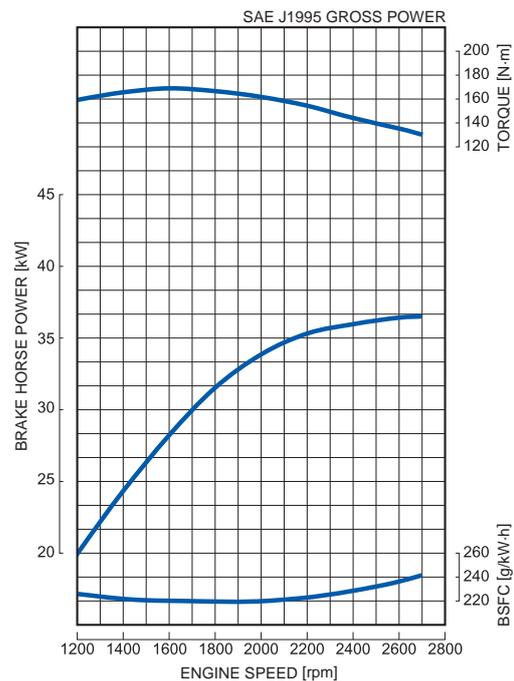
RATED POWER

36.5 kW/2700 rpm



Photographs may show non-standard equipment.

PERFORMANCE CURVE



FEATURES and BENEFITS

New Concept

- The Kubota 07 Series is a totally new concept in engine design developed with various requirements necessary for a wide range of industrial applications.
- Kubota's unique cylinder block design was developed using Kubota's original casting technology. The engine package is smaller than that of the current 2.4L engine but yet the displacement is larger.
- The improved cooling systems with a main water gallery and water passages between cylinder bores as a countermeasure against heat load provides high power density, superior endurance and a reliable Kubota 07 Series.
- All components used for service and maintenance are located at the inlet side. This helps to achieve both proper and low-cost engine service.
- The Kubota 07 Series completes Kubota's seamless range up to 100 hp.

Emissions

- The V2607-DI naturally aspirated engine complies with EPA Interim Tier 4 emissions regulations that are effective through the end of 2012. This engine also complies with EU Stage 3 A requirements that are effective through 2012 and beyond in the European market.

Clean and Quiet Power

- The original Kubota E-CDIS (Center Direct Injection System) including 4-valve technology and renowned for clean combustion in the Kubota V3 series has been improved. For a more complete combustion Kubota has increased the fuel injection pressure. Due to all these improvements and optimization of the combustion system, the particulate matter level (PM) was reduced to 50% of the allowed level.
- These new engines have been designed to reduce transmitted vibrations and radiated sound, resulting in lower noise levels. Operator and environmentally friendly, the Kubota 07 Series begins a new era of Kubota's engine design.

Option

- A Side PTO option is available. This engine offers power take-off (PTO) from a gear train located on the flywheel side designed for compact positioning of PTO hydraulic devices.
- Fan positions are available in two heights to adapt to various equipment configurations.
- Other options are available for customization.

GENERAL SPECIFICATION

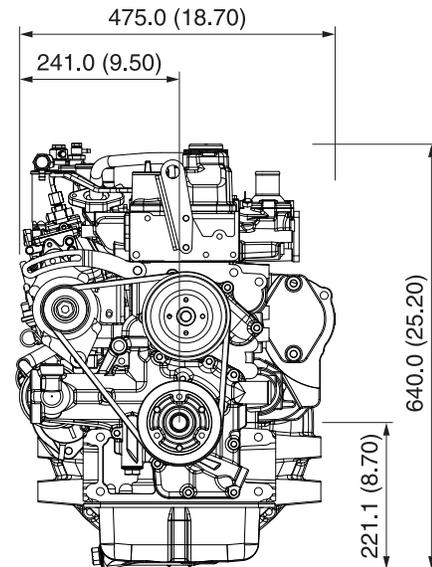
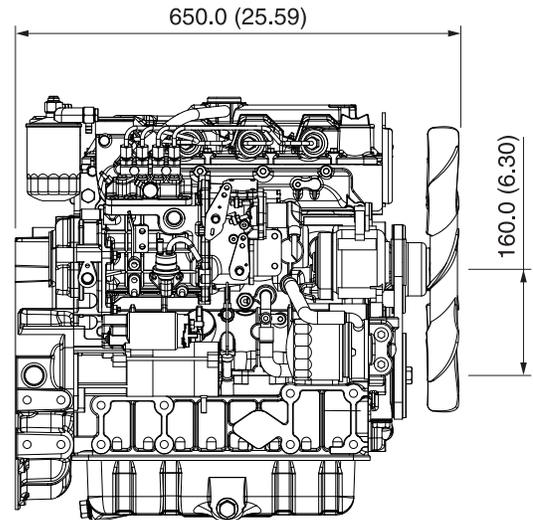
Model		V2607-DI-E3B
Emission Regulation		Interim Tier 4 / Stage 3A
Type		Vertical 4-cycle Liquid Cooled Diesel
Number of Cylinders		4
Bore	mm (in)	87.0 (3.43)
Stroke	mm (in)	110 (4.33)
Displacement	L (cu.in)	2.615 (159.6)
Combustion System		Direct Injection
Intake System		4 Valves Naturally Aspirated
Maximum Speed	rpm	2700
	kW	36.5
Output: SAE J1995 Gross Power	hp	48.9
	ps	49.6
Direction of Rotation		Counterclockwise Viewed on Flywheel
Oil Pan Capacity	L (gal)	10.2 (2.69)
Starter Capacity	V-kW	12-2.5
Alternator Capacity	V-A	12-60
Length	mm (in)	650.0 (25.59)
Width	mm (in)	475.0 (18.70)
Height (1)	mm (in)	640.0 (25.20)
Height (2)	mm (in)	221.1 (8.70)
Dry Weight	kg (lb)	225.0 (496.0)

*Specification is subject to change without notice.

*Dry weight is according to Kubota's standard specification.
When specification varies, the weight will vary accordingly.

*SAE J1995 Gross Power: 1-hour rating based on engine without cooling fan, air cleaner and muffler, with alternator.

DIMENSIONS



KUBOTA Corporation

2-47, Shikitsuhigashi 1-chome, Naniwa-ku, Osaka, 556-8601 Japan
Fax: 06-6648-3521

<http://engine.kubota.co.jp>

Kubota (Deutschland) GmbH

Senefelder Str. 3 - 5

63110 Rodgau

Phone: +49 (0) 61 06 / 873-113

Fax: +49 (0) 61 06 / 873-196

eMail: motoren@kubota.de

homepage: www.kubota-motoren.de