



INDUSTRIAL DIESEL ENGINE

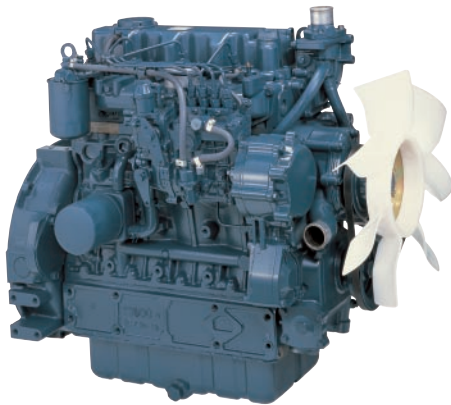
KUBOTA V3 SERIES (4-cylinder)

V3600-E3B



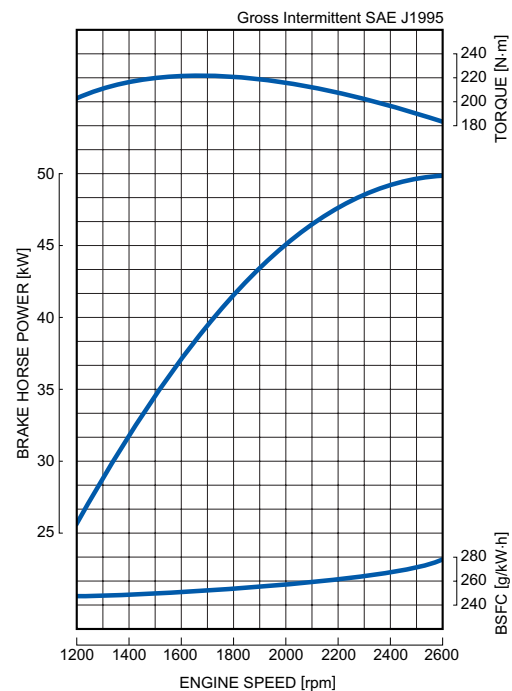
RATED POWER

49.8kW@2600rpm



Photograph may show non-standard equipment.

PERFORMANCE CURVE



FEATURES and BENEFITS

Emissions

- The Kubota V3600 naturally aspirated engine complies with EPA Interim Tier 4 (Option1) emissions regulations, which are the most stringent in this class. This engine also complies with EU Stage IIIA requirements. It offers the benefit of one year longer validity than Tier3. Therefore, this engine is good through the end of 2012 in both the North American and European markets, which would save engineering resources for the future Tier levels.
- Utilizing the low NOx characteristics of IDI engines, the V3600 NA engine complies with the latest emissions regulations without devices such as EGR system or turbocharger.

Durable Power

- The Kubota V3600 engine is a new high power density engine with the same footprint as the V3300 engine, however with a larger displacement.

Clean and Quiet Power

- Kubota's original E-TVCS (Three Vortex Combustion System) has been improved. The airflow, combustion chamber and piston recess were optimized to provide a 25% lower particulate matter (PM) level, resulting in a better condition compared to engines that only meet EPA Tier 3 regulations in this class.

Option

- Fan positions are available in two heights to adapt to various equipment configurations.

GENERAL SPECIFICATION

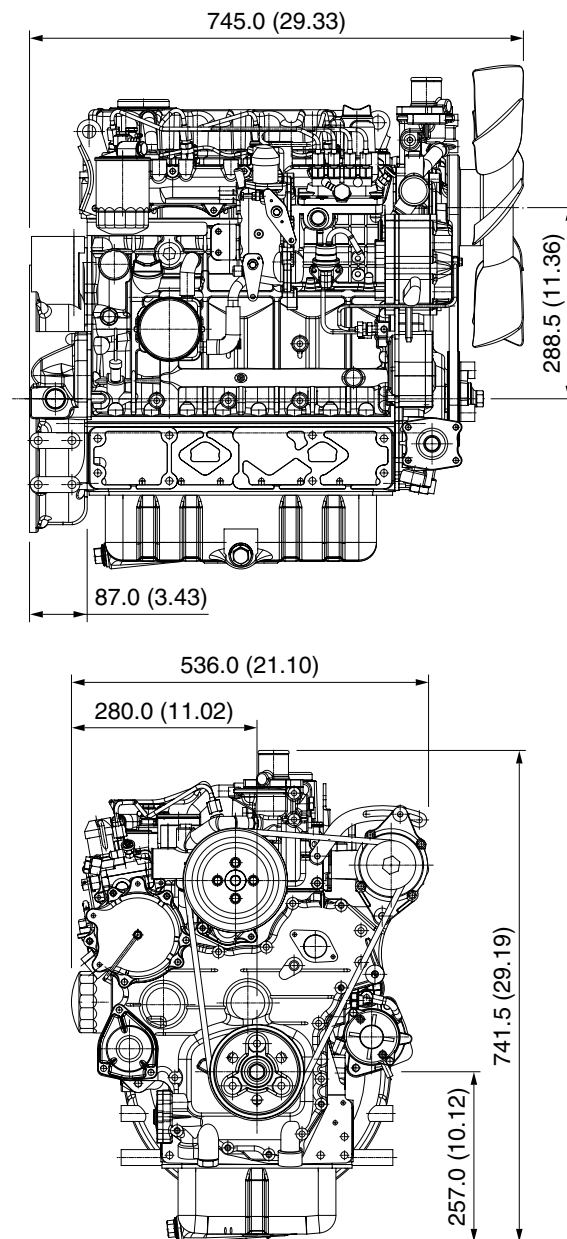
Model		V3600-E3B
Emission Regulation		Interim Tier 4 / Stage III A
Type		Vertical 4-cycle Liquid Cooled Diesel
Number of Cylinders		4
Bore	mm (in)	98 (3.86)
Stroke	mm (in)	120 (4.72)
Displacement	L (cu.in)	3.620 (220.9)
Combustion System		IDI
Intake System		Naturally Aspirated
Maximum Speed	rpm	2600
Output: Gross Intermittent	kW	49.8
	hp	66.8
	ps	67.7
Direction of Rotation		Counterclockwise Viewed on Flywheel
Oil Pan Capacity	L (gal)	13.2 (3.49)
Starter Capacity	V-kW	12-3.0
Alternator Capacity	V-A	12-60
Length	mm (in)	745.0 (29.33)
Width	mm (in)	536.0 (21.10)
Height (1)	mm (in)	741.5 (29.19)
Height (2)	mm (in)	257.0 (10.12)
Dry Weight	kg (lb)	264 (582.0)

*Specification is subject to change without notice.

*Output: Gross Intermittent SAE J1995

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

DIMENSIONS



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INDUSTRIAL DIESEL ENGINE

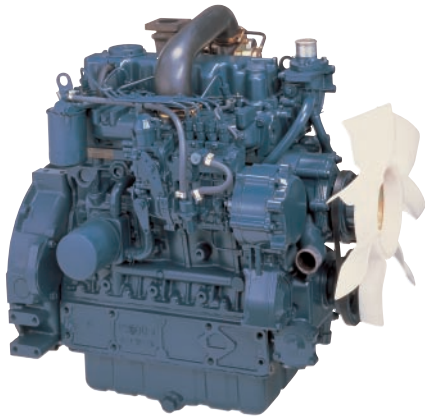
KUBOTA V3 SERIES (4-cylinder)

V3600-T-E3B



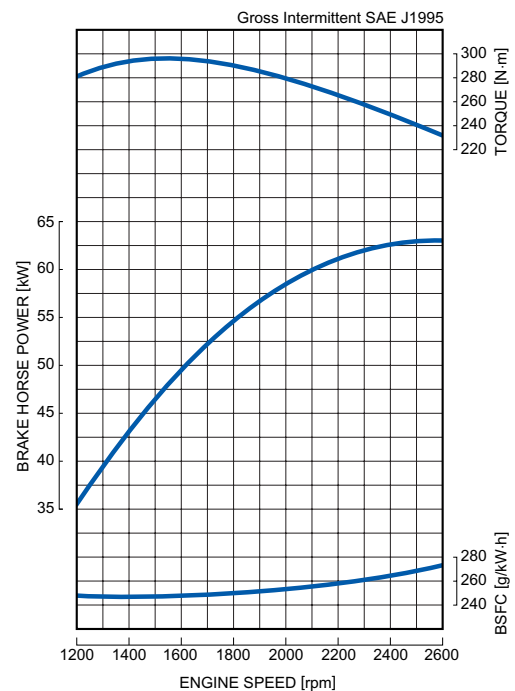
RATED POWER

63.0kW@2600rpm



Photograph may show non-standard equipment.

PERFORMANCE CURVE



FEATURES and BENEFITS

Emissions

- The Kubota V3600 Turbocharged engine complies with EPA Tier 3 and EU Stage IIIA emissions regulations effective through the end of 2011 in both the North American and European markets.
- Utilizing the low NOx characteristics of IDI engines, the V3600-T engine complies with the latest emissions regulations above the 56kW range without devices such as a cooled exhaust gas recirculation (EGR) system.

Durable Power

- The Kubota V3600-T engine is a new high power density engine with the same footprint as the V3300 engine, however with a larger displacement.

Clean and Quiet Power

- Kubota's original E-TVCS (Three Vortex Combustion System) has been improved. The airflow, combustion chamber and piston recess were optimized to meet the new NOx level of this class.

Option

- Fan positions are available in two heights to adapt to various equipment configurations.

GENERAL SPECIFICATION

Model		V3600-T-E3B
Emission Regulation		Tier 3 / Stage III A
Type		Vertical 4-cycle Liquid Cooled Diesel
Number of Cylinders		4
Bore	mm (in)	98 (3.86)
Stroke	mm (in)	120 (4.72)
Displacement	L (cu.in)	3.620 (220.9)
Combustion System		IDI
Intake System		Turbocharged
Maximum Speed	rpm	2600
Output: Gross Intermittent	kW	63.0
	hp	84.5
	ps	85.7
Direction of Rotation		Counterclockwise Viewed on Flywheel
Oil Pan Capacity	L (gal)	13.2 (3.49)
Starter Capacity	V-kW	12-3.0
Alternator Capacity	V-A	12-60
Length	mm (in)	745.0 (29.33)
Width	mm (in)	538.5 (21.20)
Height (1)	mm (in)	794.0 (31.26)
Height (2)	mm (in)	257.0 (10.12)
Dry Weight	kg (lb)	275 (606.3)

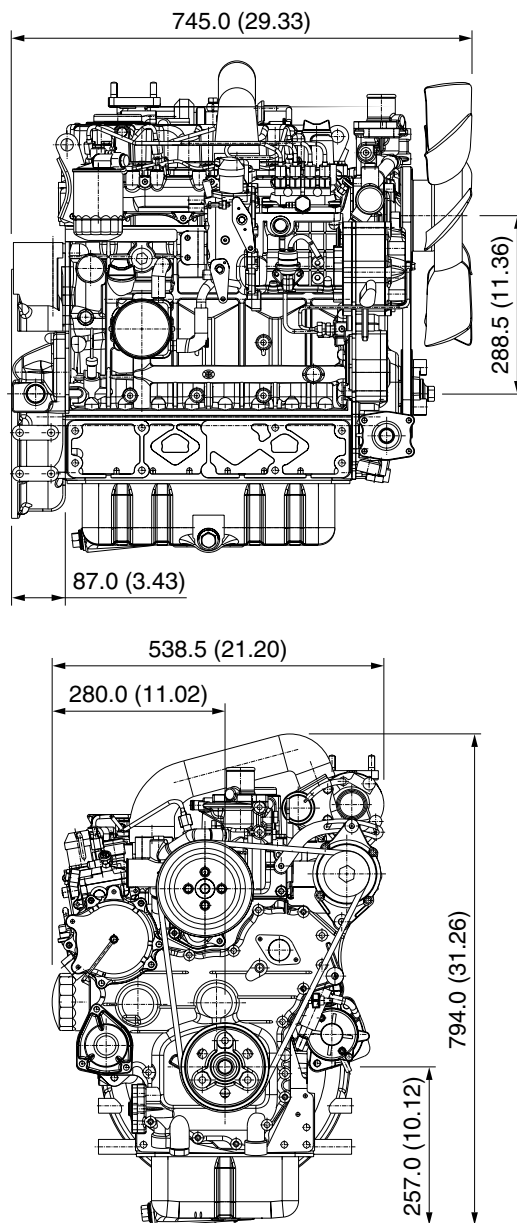
*Specification is subject to change without notice.

*Output: Gross Intermittent SAE J1995

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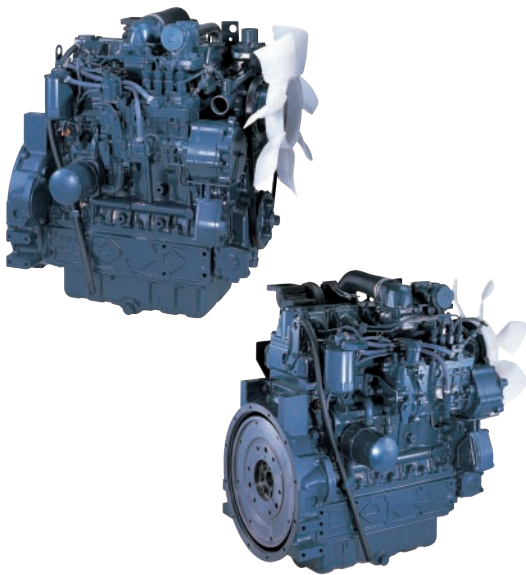
KUBOTA V3 SERIES (4-cylinder)

V3800DI-T-E3B



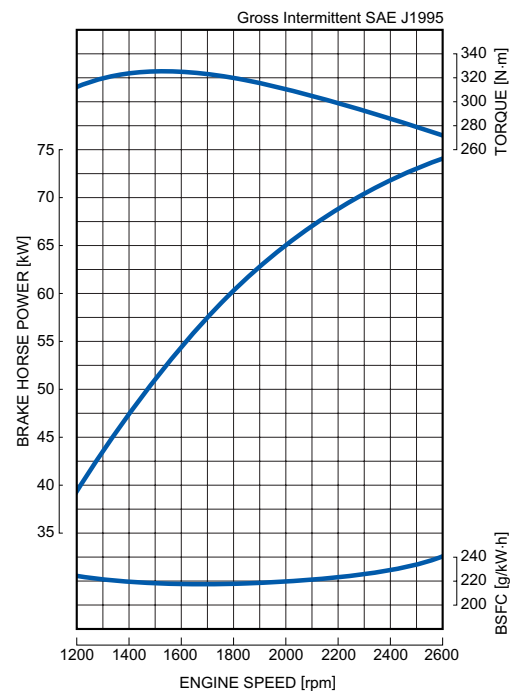
RATED POWER

74.0kW@2600rpm



Photographs may show non-standard equipment.

PERFORMANCE CURVE



FEATURES and BENEFITS

Emissions

- The Kubota V3800 direct injection turbocharged engine complies with EPA Tier 3 and EU Stage IIIA emissions regulations effective through the end of 2011 in both the North American and European markets.
- Meeting emissions regulations with minimal additional required devices: NOx is reduced only by mechanical means such as a cooled exhaust gas recirculation (EGR) system.

Durable Power

- The V3800DI-T engine has the highest output, under the 75kW range, in Kubota's industrial diesel engine line-up. This engine does not require any electronic control devices to comply with the latest emissions regulations.

Clean and Quiet Power

- Kubota's original E-CDIS (Center Direct Injection System) combustion system, renowned for clean combustion, has been updated. Fuel injection pressure was increased to meet the new NOx level of this class.
- The half-float valve cover and MoS₂ coated pistons reduce noise levels and provide reduced transmitted vibration from the valve area for better noise characteristics.

Option

- The Kubota V3800DI-T engine offers side power take-off (PTO), in response to the trend of increasing hydraulic control devices used in industrial machines. It is possible to install up to two hydraulic pumps.
- Fan positions are available in two heights to adapt to various equipment configurations.

GENERAL SPECIFICATION

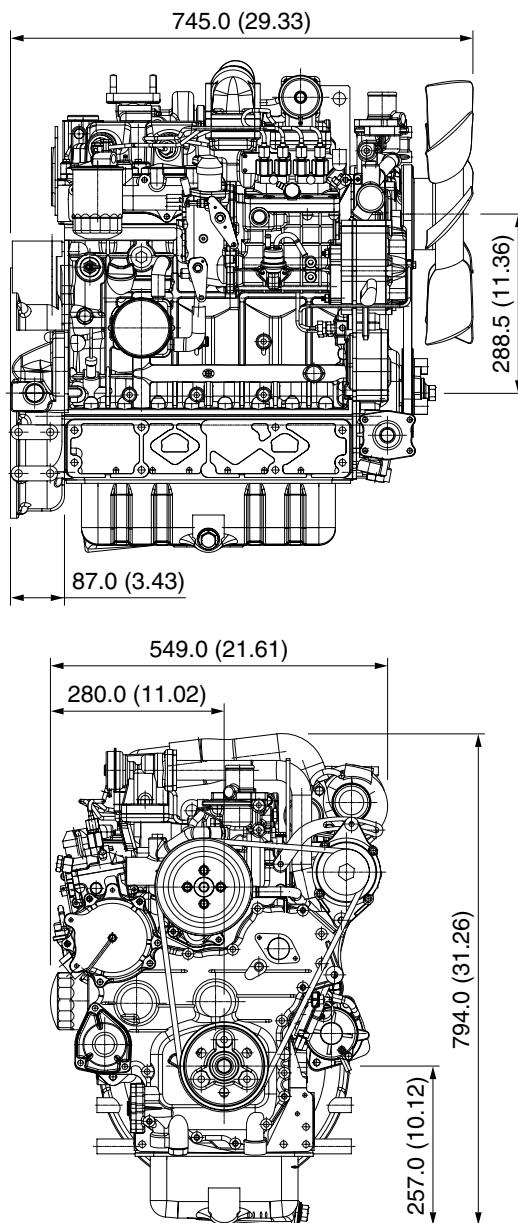
Model		V3800DI-T-E3B
Emission Regulation		Tier 3 / Stage III A
Type		Vertical 4-cycle Liquid Cooled Diesel
Number of Cylinders		4
Bore	mm (in)	100 (3.94)
Stroke	mm (in)	120 (4.72)
Displacement	L (cu.in)	3.769 (230.0)
Combustion System		DI
Intake System		Turbocharged
Maximum Speed	rpm	2600
Output: Gross Intermittent	kW	74.0
	hp	99.2
	ps	100.6
Direction of Rotation		Counterclockwise Viewed on Flywheel
Oil Pan Capacity	L (gal)	13.2 (3.49)
Starter Capacity	V-kW	12-3.0
Alternator Capacity	V-A	12-90
Length	mm (in)	745.0 (29.33)
Width	mm (in)	549.0 (21.61)
Height (1)	mm (in)	794.0 (31.26)
Height (2)	mm (in)	257.0 (10.12)
Dry Weight	kg (lb)	288 (634.9)

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*Output: Gross Intermittent SAE J1995

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