

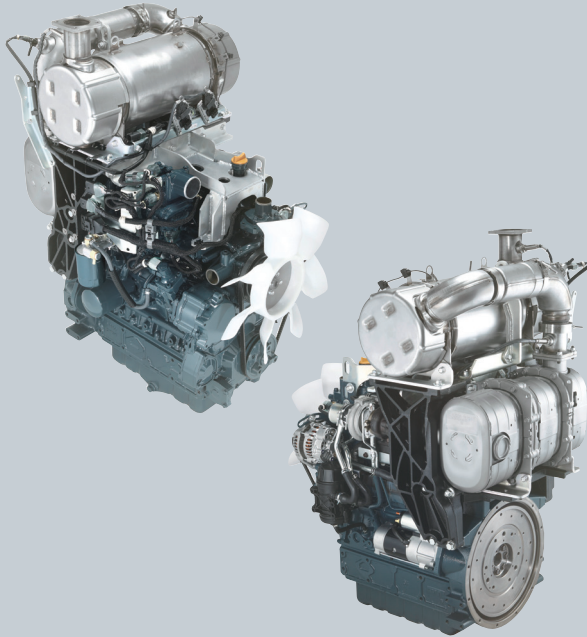
INDUSTRIAL DIESEL ENGINE

KUBOTA V3 SERIES (4-cylinder)

V3800-TIEF4B

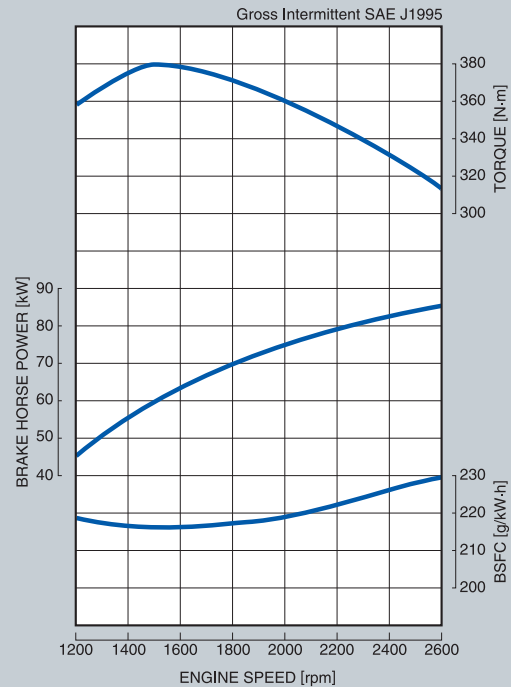
RATED POWER

86.4kW @ 2600rpm



Photographs may show non-standard equipment.

PERFORMANCE CURVES



FEATURES and BENEFITS

Performance and Technology

Customers expect two things from Kubota: the strong performance and the latest technology.

We continue to provide both by seeking excellence in emissions compliance and new strides in fully electronic controlled engine. These key areas allow Kubota to offer flexibility in our products and services to customers worldwide.

Emission Compliance

The Kubota's V3 Series engine complies with EPA/CARB Tier 4 Final and EU stage IV. They require NOx (nitrogen oxide) reduction by about 90% in comparison with the prior regulations. In order to reduce NOx, we have adopted Selective Catalytic Reduction (SCR). Along with the Diesel Particulate Filter (DPF) and Diesel Oxidation Catalyst (DOC), we have developed the integrated emissions technology and system to comply with the latest emissions regulations.

Clean and Quiet Power

The Common Rail System has made it possible to optimize combustion and create a more durable, quiet, and fuel efficient engine. Furthermore, we offer a cleaner high-performance engine, by screening and controlling the exhaust gas with the aftertreatment device.

Flexibility

When working with customers in different countries who have different engine requirements, flexibility is a must.

Since Kubota's V3 Series engines have evolved step-by-step to meet every EPA Tier, we can provide the appropriate emission regulation certified engine to any customer worldwide. In addition, we have designed an aftertreatment device with minimum package impact for easy installation.

Reliability

The Kubota's V3 Series engines are the best solution for your company's global marketing strategy. We continuously strive to meet your needs with the experience and expertise you expect and deserve.

KUBOTA V3 SERIES V3800-TIEF4B

GENERAL SPECIFICATIONS

Model		V3800-TIEF4B
Emission Regulation		Tier 4 Final / Stage IV
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
Aspiration		Turbo charged + Turbo After Cooler
Aftertreatment device		DOC+DPF+SCR
Maximum Speed	rpm	2600
	kW	86.4
Output: Gross Intermittent	HP	115.8
	ps	117.4
Direction of Rotation		Counter clockwise Viewed from Flywheel side
Oil Pan Capacity	L (U.S.gal)	13.2 (3.49)
Starter Capacity	V-kW	12-3.0
Alternator Capacity	V-A	12-100
Length	mm (in)	889 (35.0)
Width	mm (in)	718 (28.3)
Height	mm (in)	1256 (49.4)
Dry Weight	kg (lb)	400 (881.8)

*Specification is subject to change without notice.

*DOC: Diesel Oxidation Catalyst

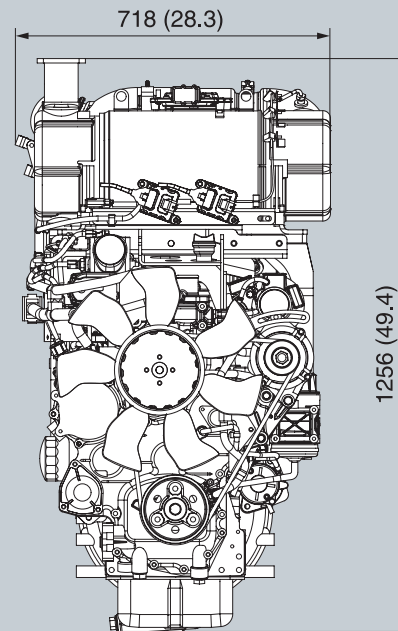
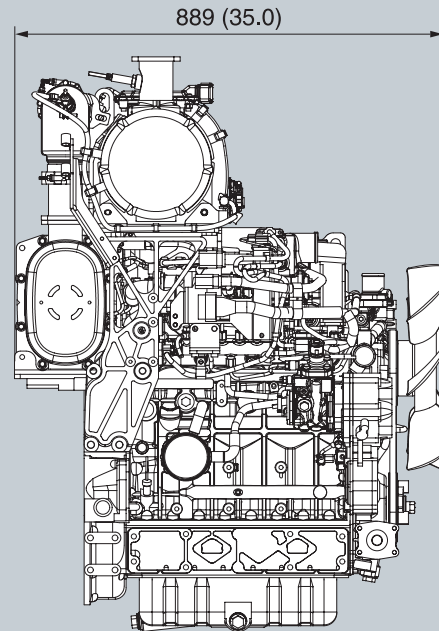
*DPF: Diesel Particulate Filter

*SCR: Selective Catalytic Reduction

*Output: Gross Intermittent SAE J1995

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

DIMENSIONS



Dimensions and weight depend on completed specifications.



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