Kubota

EPA TIER 4 | EU STAGE IIIB

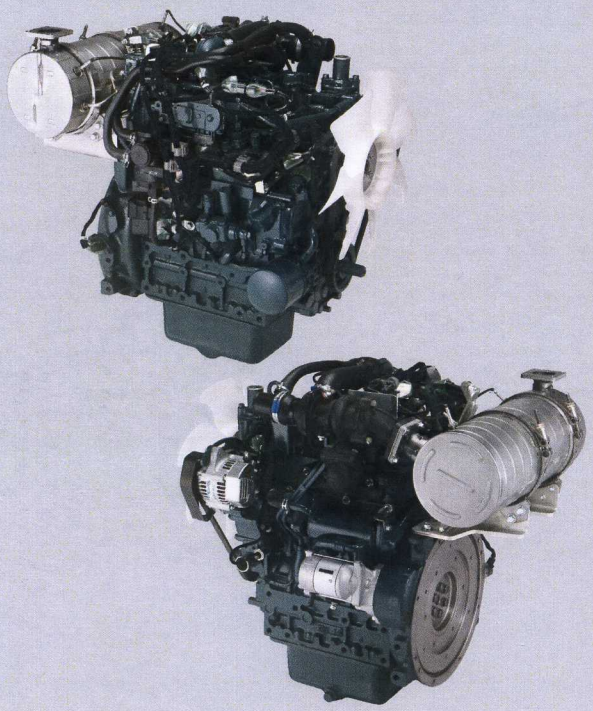
INDUSTRIAL DIESEL ENGINE

KUBOTA 03 SERIES (3-cylinder)

D1803-CR-TIE4B+

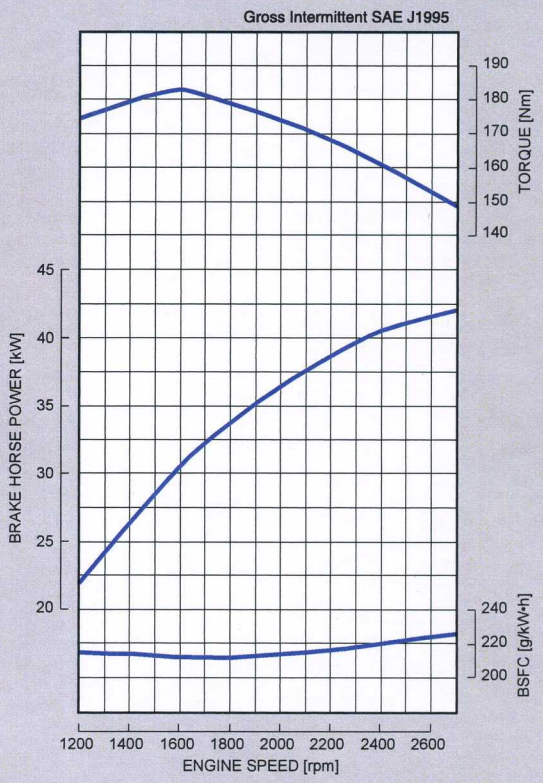
RATED POWER

42.0kW@2700rpm



Photographs may show non-standard equipment.

PERFORMANCE CURVE



FEATURES and BENEFITS

Proven Reliability and New Technology

The latest technology and a strong performance – two things customers expect from Kubota engines. We continue to provide both by seeking excellence in three key areas: emission compliance, new strides in fully electronic controlled engines, and flexibility in products and services to customers worldwide.

Emission Compliance

Meeting rigid emission regulations can be a challenge for any company. At Kubota, our 03 Series engines have been designed to comply with the most stringent regulations: The EPA/CARB Tier4 and the EU Stage IIIB. In addition, innovative emission solutions, such as an aftertreatment device, have also been integrated into the 03 Series engines.

Clean and Quiet Power

The Common Rail System has made it possible to optimize combustion and create a more durable, quiet, and improved fuel-economy engine. This engine model is provided with Diesel Particulate Filter (DPF) + DOC aftertreatment.

Flexibility

When working with customers in different countries and with different engine needs, flexibility is a must. Since Kubota 03 Series engines have evolved step-by-step to meet every EPA Tier, we provide the appropriate emission regulation certified engine to any customers worldwide. Added to that, we have designed aftertreatment device with minimum package impact for easy installation.

Trust

The Kubota 03 Series is 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.

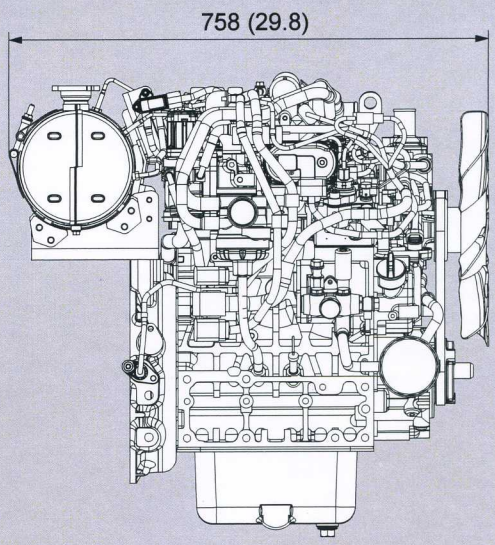
KUBOTA 03 SERIES D1803-CR-TIE4B+

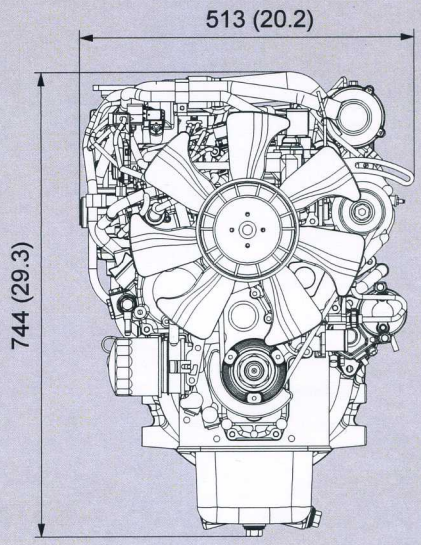
GENERAL SPECIFICATION

Model		D1803-CR-TIE4B+
Emission Regulation		Tier4 / Stage ⅢB
Type		Vertical 4-cycle liquid cooled Diesel
Number of Cylinders		3
Bore	mm (in)	87.0 (3.43)
Stroke	mm (in)	102.4 (4.03)
Displacement	L (cu.in)	1.826 (111.43)
Combustion System		DI
Aspiration		Turbo Charged + Turbo Intercooler
Aftertreatment device		DPF+DOC
Maximum Speed	rpm	2700
Output: Gross Intermittent	kW	42.0
	HP	56.3
	ps	57.1
Direction of Rotation		Counter clockwise Viewed on Flywheel side
Oil Pan Capacity	L (U.S.gal)	7.0 (1.85)
Starter Capacity	V-kW	12-2.0
Alternator Capacity	V-A	12-60
Length	mm (in)	758 (29.8)
Width	mm (in)	513 (20.2)
Height	mm (in)	744 (29.3)
Dry Weight	kg (lb)	196 (432.2)

*Specification is subject to change without notice.
*DPF: Diesel Particulate Filter
*DOC: Diesel Oxidation Catalyst
*Output: Gross Intermittent SAE J1995
*Dimensions and dry weight are according to Kubota's standard specification.

DIMENSIONS





Dimensions and weight depend on completed specifications.

KDG/16.04/001

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