

INDUSTRIAL DIESEL ENGINE

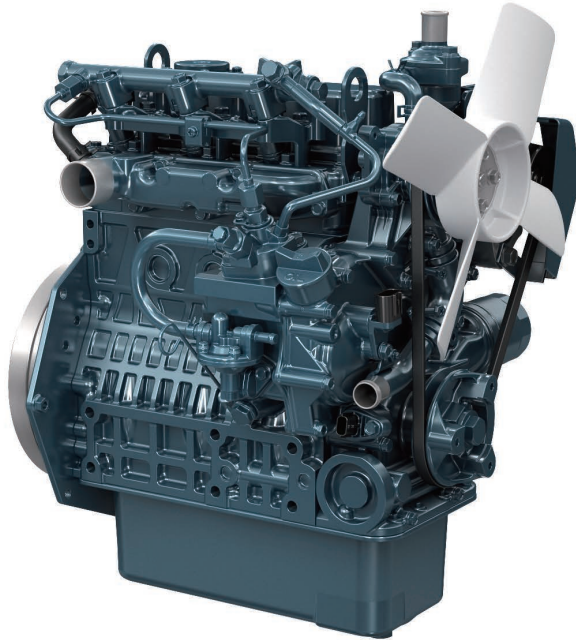
Kubota Super Mini Series

D902-K



Rated Power

18.5 kW @ 3600 rpm



Photograph may show non-standard equipment.

Features and Benefits

Suppress black smoke

The D902-K engine saves users of our current engines from the need to develop new machinery to accommodate changes in dimensions and/or structures of said engines and is capable of complying with the latest emission standards (output of below 19 kW) around the world. The amount of black smoke is reduced to an imperceptible level at start, acceleration, and a rapid increase in workload.

Acquisition of engine operating data, improvement in drivability and work efficiency

Controlled electronically, the D902-K engine is capable of communicating via CAN, thus allowing engine speed and torque to be controlled using signals from vehicles.

Engine operating data, which are essential for telematics service, can be acquired via CAN.

Due to superior torque characteristics, lower rotation due to a rapid increase in workload is suppressed, enhancing drivability and work efficiency.

Compatibility

The D902-K engine uses the same external dimensions, locations of ports and an engine mount, and PTO as its current model, thus facilitating easy model upgrades.

CONTACT US

<https://www.kubotaengine.com/company-profile/contact-us/>



Engine Specifications

Engine model		D902-K
Emission regulation		EPA/CARB Tier4 + EU Stage V + China Non-Road IV ready
Type		Vertical, water cooled 4-cycle diesel engine
Cylinders		3
Bore and Stroke	mm (in)	72.0 × 73.6 (2.83 × 2.90)
Displacement	L (cu.in)	0.898 (54.80)
Aspiration		Naturally aspirated
Aftertreatment		–
Rated output / speed ^{*1}	kW (HP) / rpm	18.5 (24.8) / 3600
Maximum torque / speed ^{*1}	Nm (lb-ft) / rpm	56.1 (41.4) / 2600
Combustion and fuel system		TVCR
Length x Width x Height ^{*2} (without aftertreatment unit)	mm (in)	434 × 401 × 544 (17.1 × 15.8 × 21.4)
Dry weight ^{*2}	kg (lb)	72 (159)

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

^{*1}: Gross intermittent SAE J1995
^{*2}: Exclude cooling fan

KUBOTA Engine America Corporation

505 Schelter Road, Lincolnshire, IL 60069
P: 847.955.2500 | kubotaengine.com

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