

INDUSTRIAL NATURAL GAS ENGINE

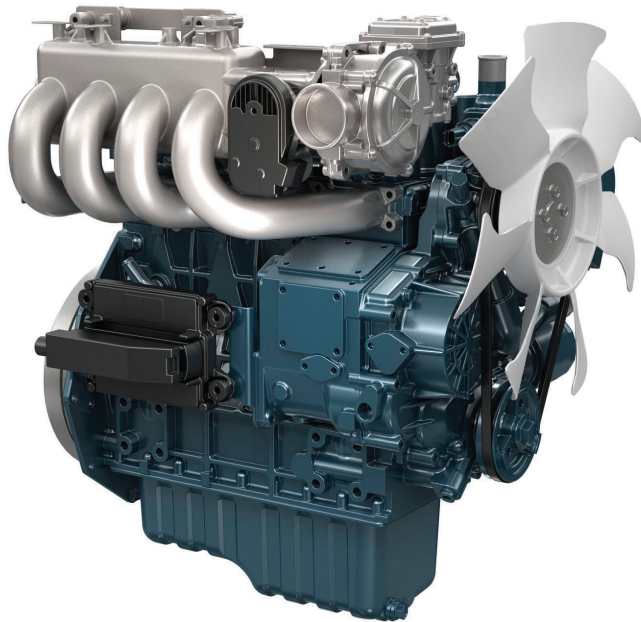
Kubota WG Series (4-Cylinder)

WG1605-N-E3



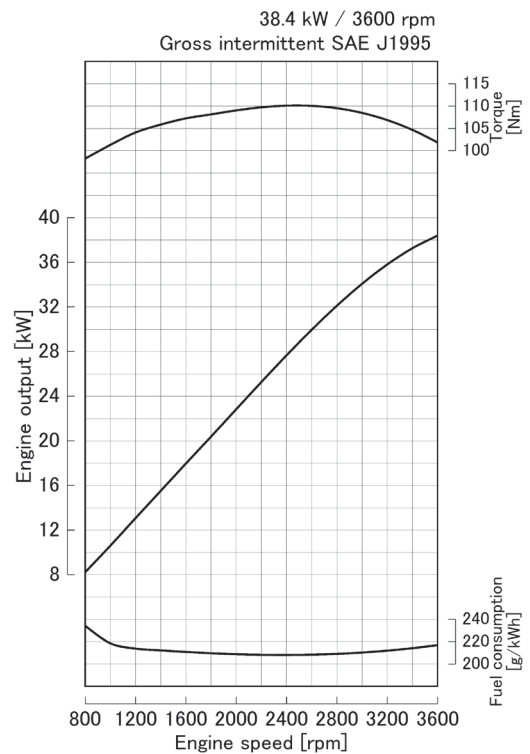
Rated Power

38.4 kW @ 3600 rpm



Photograph may show non-standard equipment.

Performance Curves



Features and Benefits

Emissions

Kubota's WG1605-N-E3 engine has been designed to comply with EPA Tier 2 / CARB Tier 3 + EU Stage V.

Fuel Flexibility

The installation compatibility that exists between Spark-Ignition engines (SI) and Compression-Ignition engines (CI) is convenient for customers who need fuel flexibility for their products. The Kubota WG1605 includes gasoline, LPG, and natural gas versions, as well as dual and multiple fuel versions. Options include gasoline and LPG, LPG and natural gas, and gasoline, LPG and natural gas.

Durability and Reliability

Kubota's WG1605 SI engines are designed after Kubota 05 Series diesel (CI) engines and offer performance similar to our turbo diesel engines, which are known worldwide as reliable industrial engines. The WG1605 engine offers very low vibration and extremely low noise.

WG1605-N-E3

Engine Specifications

Engine model		WG1605-N-E3
Emission regulation		EPA Tier 2/CARB Tier 3 + EU Stage V
Type		Vertical, water cooled 4-cycle spark ignited engine
Fuel type		NG
Cylinders		4
Bore and stroke	mm (in)	79.0 x 78.4 (3.11 x 3.09)
Displacement	L (cu.in)	1.537 (93.79)
Aspiration		Naturally aspirated
Aftertreatment		Three-way catalyst
Rated output / speed *1	kW (HP) / rpm	38.4 (51.5) / 3600
Maximum torque / speed *1	Nm (lb-ft) / rpm	110.1 (81.3) / 2600
Length x Width x Height *2	mm (in)	566 x 459 x 692 (22.3 x 18.1 x 27.2)
Dry weight *2	kg (lbs)	121 (267)

Specifications are subject to change without notice.
 Dimensions and dry weight are according to Kubota's standard specification.
 Dimensions and weight depend on completed specifications.
 LPG: Commercial liquid propane gas only. Equivalent to propane HD-5 of GPA standard.
 Natural gas: The performance shown is with Japanese standard natural gas.
 The lower heating value: 9699 kcal/m³ (1090 BTU / ft³)

*1: SAE J1995 gross intermittent

*2: Exclude cooling fan and exclude aftertreatment unit

Dimensions

