

INDUSTRIAL DIESEL ENGINE

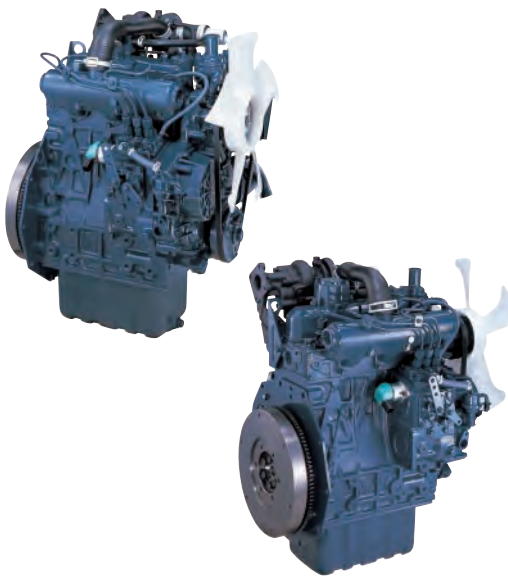
KUBOTA 05 SERIES (3-cylinder)

D1105-T-E3B



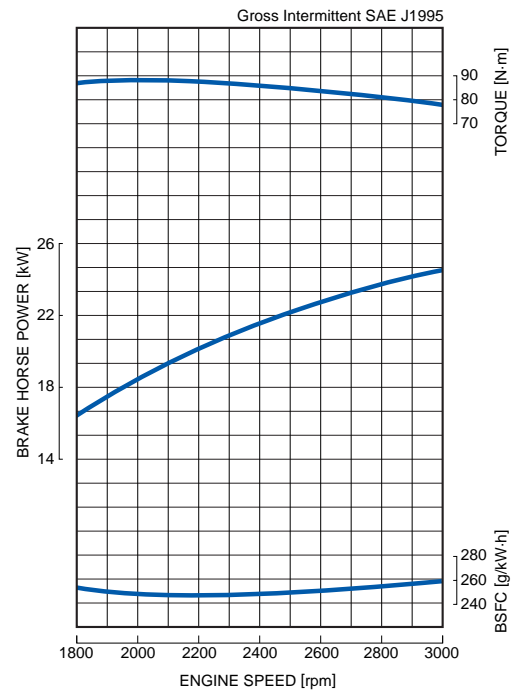
RATED POWER

24.5kW @3000rpm



Photographs may show non-standard equipment.

PERFORMANCE CURVE



FEATURES and BENEFITS

Emissions

- The D1105 Turbocharged engine complies with EPA Interim Tier 4 emissions regulations that are effective through the end of 2012. This engine also complies with EU Stage IIIA requirements that are effective through 2012 and beyond in the European market.

Durable Power

- The Kubota 05 Series is an established leader in its horsepower range and has been the preferred power source of various industrial equipment manufacturers.
- The D1105-T engine offers a seamless transition from Tier 2 to Interim Tier 4 by maintaining the same footprint and hardware mounting points with no performance changes from the Tier 2 engine.

Clean and Quiet Power

- The addition of a closed breather system meets EPA Interim Tier 4 requirements.
- Kubota's original E-TVCS (Three Vortex Combustion System) has been improved. The airflow, combustion chamber and piston recess were optimized to provide a 50% lower particulate matter (PM) level, the same stringent level as above the 37kW class (EPA Interim Tier 4 Option 1).

GENERAL SPECIFICATION

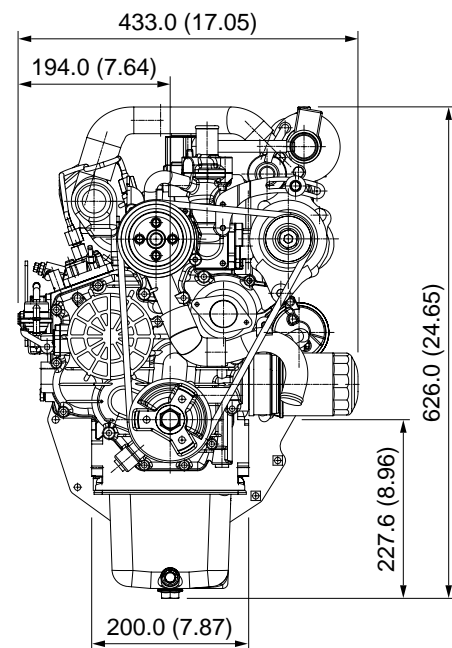
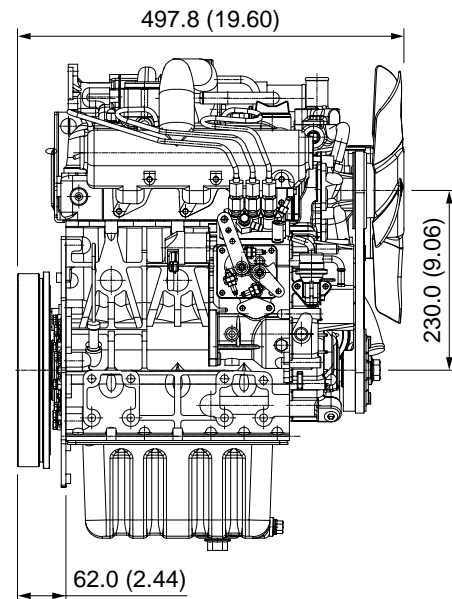
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|-------------------------------|-----------|---------------------------------------|
| Model | | D1105-T-E3B |
| Emission Regulation | | Interim Tier 4 / Stage III A |
| Type | | Vertical 4-cycle Liquid Cooled Diesel |
| Number of Cylinders | | 3 |
| Bore | mm (in) | 78.0 (3.07) |
| Stroke | mm (in) | 78.4 (3.09) |
| Displacement | L (cu.in) | 1.123 (68.53) |
| Combustion System | | IDI |
| Intake System | | Turbocharged |
| Maximum Speed | rpm | 3000 |
| Output: Gross Intermittent | kW | 24.5 |
| | hp | 32.8 |
| | ps | 33.3 |
| Direction of Rotation | | Counterclockwise Viewed on Flywheel |
| Oil Pan Capacity | L (gal) | 5.1 (1.35) |
| Starter Capacity | V-kW | 12-1.2 [US] / 12-1.4 [EU] |
| Alternator Capacity | V-A | 12-40 |
| Length | mm (in) | 497.8 (19.60) |
| Width | mm (in) | 433.0 (17.05) |
| Height (1) | mm (in) | 626.0 (24.65) |
| Height (2) | mm (in) | 227.6 (8.96) |
| Dry Weight | kg (lb) | 97.0 (213.8) |

*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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