



For North American Market

INDUSTRIAL DIESEL ENGINE

**KUBOTA SUPER MINI SERIES (3-cylinder)**

**D722-E3B**



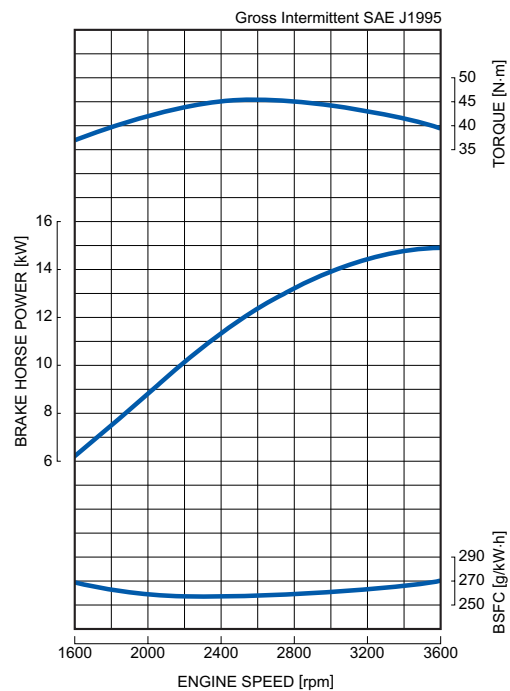
**RATED POWER**

**14.9kW@3600rpm**



Photograph may show non-standard equipment.

**PERFORMANCE CURVE**



**FEATURES and BENEFITS**

**Emissions**

- Kubota Super Mini Series, the most compact multi-cylinder liquid cooled industrial diesel engines, complies with EPA Tier 4 emissions regulations. These are the most stringent emissions regulations in the world in this class.

**Durable Power**

- The Kubota Super Mini Series has been chosen as a power source for a variety of applications since it was first launched 25 years ago. It has become the benchmark in the compact diesel engine market.
- The D722 engine offers a seamless transition from Tier 2 to Tier 4 by totally maintaining the same performance and physical characteristics of the previous Tier 2 engines.
- Alternative fuel engines, WG752 (Gasoline) and DF752 (Dual Fuel: Gasoline/LPG) are available with the same footprint as the D722 engine.

**Clean and Quiet Power**

- Kubota's original E-TVCS (Three Vortex Combustion System) has been improved. The combustion chamber was optimized to achieve a 50% lower particulate matter (PM) level in such a small size range.

## GENERAL SPECIFICATION

|                                                     |           |                                       |
|-----------------------------------------------------|-----------|---------------------------------------|
| Model                                               |           | <b>D722-E3B</b>                       |
| Emission Regulation                                 |           | Tier 4                                |
| Type                                                |           | Vertical 4-cycle Liquid Cooled Diesel |
| Number of Cylinders                                 |           | 3                                     |
| Bore                                                | mm (in)   | 67 (2.64)                             |
| Stroke                                              | mm (in)   | 68 (2.68)                             |
| Displacement                                        | L (cu.in) | 0.719 (43.88)                         |
| Combustion System                                   |           | IDI                                   |
| Intake System                                       |           | Naturally Aspirated                   |
| Maximum Speed                                       | rpm       | 3600                                  |
| Output:<br>Gross Intermittent<br>( Industrial Use ) | kW        | 14.9                                  |
|                                                     | hp        | 20.0                                  |
|                                                     | ps        | 20.3                                  |
| Direction of Rotation                               |           | Counterclockwise Viewed on Flywheel   |
| Oil Pan Capacity                                    | L (gal)   | 3.8 (1.00)                            |
| Starter Capacity                                    | V-kW      | 12-0.8                                |
| Alternator Capacity                                 | V-A       | 12-12.5                               |
| Output:<br>Stand-by<br>( Generator Use )            | kW        | 13.3                                  |
|                                                     | hp        | 17.8                                  |
|                                                     | ps        | 18.1                                  |
| Output:<br>Continuous<br>( Generator Use )          | kW        | 12.2                                  |
|                                                     | hp        | 16.4                                  |
|                                                     | ps        | 16.6                                  |
| Length                                              | mm (in)   | 435.1 (17.13)                         |
| Width                                               | mm (in)   | 404.0 (15.91)                         |
| Height (1)                                          | mm (in)   | 564.1 (22.21)                         |
| Height (2)                                          | mm (in)   | 219.0 (8.62)                          |
| Dry Weight                                          | kg (lb)   | 63.0 (139.1)                          |

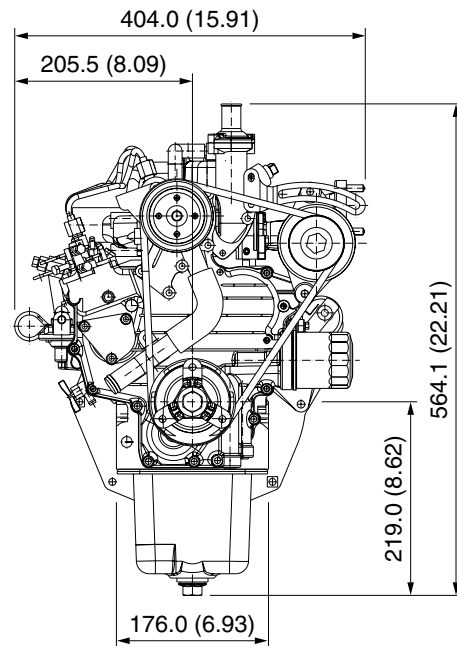
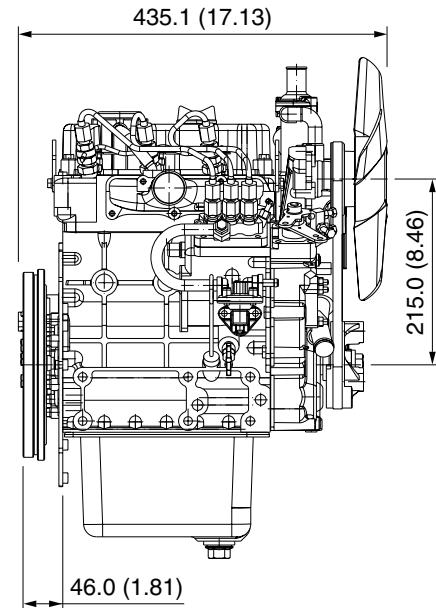
\*Specification is subject to change without notice.

\*Output: Gross Intermittent SAE J1995

\*Output: Stand-by, Continuous ISO 3046

\*Dry weight is according to Kubota's standard specification.  
When specification varies, the weight will vary accordingly.

## DIMENSIONS



## KUBOTA Corporation

2-47, Shikitsuhigashi 1-chome, Naniwa-ku, Osaka, 556-8601 Japan  
Fax: 06-6648-3521

<http://www.engine.kubota.ne.jp>

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