

# PRODUCT SPECIFICATIONS FOR 403D-11

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## POWER RATING

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|                       |                    |
|-----------------------|--------------------|
| <b>Maximum Power</b>  | 18.1 kW            |
| <b>Maximum Torque</b> | 64.6 Nm @ 2100 rpm |
| <b>Rated Speed</b>    | 2800-3000 rpm      |
| <b>Minimum Power</b>  | 15.1 kW            |

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## EMISSION STANDARDS

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|------------------|---|
| <b>Emissions</b> | U.S. EPA Tier 4 Interim equivalent. Less than 19 kW, EU certification not required. |
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## GENERAL

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|                                   |                     |
|-----------------------------------|---------------------|
| <b>Number of Cylinders</b>        | 3 inline            |
| <b>Cycle</b>                      | 4 stroke            |
| <b>Bore</b>                       | 77 mm               |
| <b>Stroke</b>                     | 81 mm               |
| <b>Displacement</b>               | 1.1 l               |
| <b>Compression Ratio</b>          | 22.7:1              |
| <b>Aspiration</b>                 | Naturally aspirated |
| <b>Combustion System</b>          | Indirect injection  |
| <b>Rotation from Flywheel End</b> | Anti-clockwise      |
| <b>Aftertreatment</b>             | -                   |
| <b>Cooling System</b>             | Liquid              |

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## ENGINE DIMENSIONS\*

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|                   |        |
|-------------------|--------|
| <b>Length</b>     | 777 mm |
| <b>Width</b>      | 438 mm |
| <b>Height</b>     | 729 mm |
| <b>Dry Weight</b> | 129 kg |

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## DISCLAIMER

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**Note 1** \*Final dimensions dependent on selected options

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## 403D-11 STANDARD EQUIPMENT

### AIR SYSTEM

Cast iron exhaust manifold - side outlet

Inlet manifold

Mounted air cleaner

### ELECTRICAL AND ELECTRONICS

12 volt alternator

12 volt starter motor

Electronic Shut Off Solenoid (ESOS)

### COOLING SYSTEM

Coolant pump belt driven

Coolant temperature switch

Mounted radiator and fan

### FLYWHEEL AND FLYWHEEL HOUSING

SAE 5 flywheel housing

SAE flywheel size 165.1 mm (6½ in)

### FUEL SYSTEM

Fuel injection pump

Fuel filter

## GENERAL

Cast iron engine block

Glow plug starting aid

## OIL SYSTEM

Lubricating oil pressure switch

Lubricating oil sump

Spin on lubricating oil filter