

# PRODUCT SPECIFICATIONS FOR 404D-22

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## POWER RATING

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|-----------------------|---------------------|
| <b>Maximum Power</b>  | 38 kW               |
| <b>Maximum Torque</b> | 142.7 Nm @ 1800 rpm |
| <b>Rated Speed</b>    | 2200-3000 rpm       |
| <b>Minimum Power</b>  | 31 kW               |

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## EMISSION STANDARDS

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| <b>Emissions</b> | EU Stage IIIA/U.S. EPA Tier 4 Interim equivalent |
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## GENERAL

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|-----------------------------------|---------------------|
| <b>Number of Cylinders</b>        | 4 inline            |
| <b>Cycle</b>                      | 4 stroke            |
| <b>Bore</b>                       | 84 mm               |
| <b>Stroke</b>                     | 100 mm              |
| <b>Displacement</b>               | 2.2 l               |
| <b>Compression Ratio</b>          | 23.3:1              |
| <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>     | 661 mm |
| <b>Width</b>      | 464 mm |
| <b>Height</b>     | 676 mm |
| <b>Dry Weight</b> | 184 kg |

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DISCLAIMER

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**Note 1**

\*Final dimensions dependent on selected options

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## 404D-22 STANDARD EQUIPMENT

### COOLING SYSTEM

Coolant temperature switch

High and low cooling fan positions

### ELECTRICAL AND ELECTRONICS

Alternator 12V, 40, 65 and 85 Amp

Starter motor 12V, 2.0 kW

Electronic Shut Off Solenoid (ESOS)

Glow plug starting aid

### FLYWHEEL AND FLYWHEEL HOUSING

Flywheel Housing SAE 4

Flywheel SAE 7 1/2 and SAE 8/10

### FUEL SYSTEM

CTD fuel injection pump

Spin-on fuel filter

### GENERAL

Gradeability 35° continuous

### OIL SYSTEM

Lubricating oil pressure switch

Spin-on lubricating oil filter

Dipstick options available

POWER TAKE-OFF (PTO)

SAE A PTO