

# 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>	140.6 Nm @ 1800 rpm
<b>Rated Speed</b>	2800-3000 rpm
<b>Minimum Power</b>	31.6 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>	946 mm
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<b>Width</b>	513 mm
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<b>Height</b>	854 mm
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<b>Dry Weight</b>	218 kg
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DISCLAIMER

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<b>Note 1</b>	*Final dimensions dependent on selected options
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## 404D-22 STANDARD EQUIPMENT

### AIR SYSTEM

Cast iron exhaust manifold - side outlet

Inlet manifold

Mounted air cleaner

### ELECTRICAL AND ELECTRONICS

Alternator 12 volt 65 amp

Electronic Shut Off Solenoid (ESOS)

Starter motor 12 volt

### COOLING SYSTEM

Belt driven coolant pump

Coolant temperature switch

Mounted radiator and fan

### FLYWHEEL AND FLYWHEEL HOUSING

SAE 4 flywheel housing

SAE flywheel size 190.5 mm (7½ in)

### FUEL SYSTEM

Fuel filter

Fuel injection pump

## GENERAL

Cast iron engine block

Glow plug starting aid

## OIL SYSTEM

Lubricating oil pressure switch

Lubricating oil sump

Spin-on lubricating oil filter