

# PRODUCT SPECIFICATIONS FOR 402D-05

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## POWER RATING

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<b>Maximum Power</b>	10.2 kW
<b>Maximum Torque</b>	29.7 Nm @ 2400 rpm
<b>Rated Speed</b>	2800-3600 rpm
<b>Minimum Power</b>	8.2 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>	2 inline
<b>Cycle</b>	4 stroke
<b>Bore</b>	67 mm
<b>Stroke</b>	72 mm
<b>Displacement</b>	0.5 l
<b>Compression Ratio</b>	23.5:1
<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>	407 mm
<b>Width</b>	371 mm
<b>Height</b>	523 mm
<b>Dry Weight</b>	57 kg

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## DISCLAIMER

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

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## 402D-05 STANDARD EQUIPMENT

### COOLING SYSTEM

- Coolant temperature switch
- Cooling fan options available

### ELECTRICAL AND ELECTRONICS

- Alternator 12V, 14 amps
- Starter motor 12V, 0.8-1.2 kW
- Electronic Shut Off Solenoid (ESOS)
- Glow plug starting aid

### FLYWHEEL AND FLYWHEEL HOUSING

- Flywheel housing SAE5
- Flywheel SAE 6 1/2

### FUEL SYSTEM

- Fuel injection pump
- Spin on fuel filter

### GENERAL

- Gradeability 35° continuous

### OIL SYSTEM

Closed circuit breather

Lubricating oil pressure switch

Dipstick options available

Spin on lubricating oil filter