

Product Specifications for 402J-05



Power Rating

| | |
|-----------------------|--------------------|
| Maximum Power | 8.8 kW |
| Maximum Torque | 29.7 Nm @ 2100 rpm |
| Rated Speed | 3000 rpm |
| Minimum Power | 7.5 kW |

Emission Standards

| | |
|------------------|------------|
| Emissions | EU Stage V |
|------------------|------------|

General

| | |
|-----------------------------------|---------------------|
| Number of Cylinders | 2 inline |
| Cycle | 4 stroke |
| Bore | 67 mm |
| Stroke | 72 mm |
| Displacement | 0.5 l |
| Compression Ratio | 23.5:1 |
| Aspiration | Naturally aspirated |
| Combustion System | Indirect injection |
| Rotation from Flywheel End | Anti-clockwise |
| Aftertreatment | - |
| Cooling System | Liquid |

Engine Dimensions*

| | |
|-------------------|--------|
| Length | 406 mm |
| Width | 371 mm |
| Height | 523 mm |
| Dry Weight | 57 kg |

Disclaimer

Note 1

*Final dimensions dependent on selected options

402J-05 Standard Equipment

Air System

Exhaust manifold -side outlet
Inlet manifold

Electrical and Electronics

Alternator 12 volt 40 amp with DC output
Electronic controlled governing
Starter motor 12 volt

Cooling System

Belt-driven coolant pump
Cooling fan
Coolant temperature switch
High and low fan position

Flywheel and Flywheel Housing

Adapter plate

Fuel System

Fuel injection pump
Spin-on fuel filter

General

Cast iron engine block
Closed circuit breather
Cold start capability to -20°C (-4°F) (aided)
Engine mountings
Glow plug starting aid
Gradeability 35° continuous

Oil System

Lubricating oil sump

Spin on lubricating oil filter

Lubricating oil pressure switch