

Product Specifications for 904J-E28TA

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|-----------------------------------|---|
| Maximum Power | 55 kW |
| Maximum Torque | 380 Nm @ 1360 rpm |
| Rated Speed | 2400 rpm |
| Minimum Power | 55 kW |
| Emissions | EU Stage V, U.S. EPA & CARB Tier 4 Final, Japan MLIT Step 4 |
| Number of Cylinders | 4 inline |
| Cycle | 4 stroke |
| Bore | 90 mm |
| Stroke | 110 mm |
| Displacement | 2.8 l |
| Compression Ratio | 17.0:1 |
| Aspiration | Turbocharged aftercooled |
| Combustion System | Direct injection |
| Rotation from Flywheel End | Anti-clockwise |
| Aftertreatment | DOC+DPF |
| Cooling System | Liquid |

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|---------------|--------|
| Length | 633 mm |
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| Width | 543 mm |
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| Height | 786 mm |
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| Dry Weight | 340 kg |
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| Note 1 | *Final dimensions dependent on selected options |
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904J-E28TA Standard Equipment

Electrical and Electronics

12V system

Data interface via CANbus J1939

Full electronic control

Glow plugs for best cold starting with minimum battery impact

High power alternator and starter motor options

Sensors and robust wiring harness included

Flywheel and Flywheel Housing

SAE3 or SAE4 flywheel housing

Wide choice of interfaces for common transmissions and hydraulic pumps

Fuel System

Injection System

Electronic high pressure common rail

Fuel filter - chassis mounted

Water sensor included - early warning for operator

General

Cold-start capable with standard equipment to -25°C

Supplied painted or lacquered

Oil System

Oil filters. Mounting options available on either side of the engine, plus remote

Dipsticks. Choice of position and length

Oil fillers. Multiple locations on engine to allow for choice of service access

High incline sump. 35° continuous in all directions. Suitable for machines that are used on steep slopes

Power Take-Off (PTO)

SAE-A and SAE-B interfaces available

Aftertreatment Equipment

Aftertreatment mounted on engine as standard, remote available

