

# PRODUCT SPECIFICATIONS FOR 1103D-33TA

---

## POWER RATING

---

<b>Maximum Power</b>	58 kW
<b>Maximum Torque</b>	310 Nm @ 1400 rpm
<b>Rated Speed</b>	2200 rpm
<b>Minimum Power</b>	47 kW

---

## EMISSION STANDARDS

---

<b>Emissions</b>	UN ECE R96 Stage IIIA
------------------	-----------------------

---

## GENERAL

---

<b>Number of Cylinders</b>	3 inline
<b>Cycle</b>	4 stroke
<b>Bore</b>	105 mm
<b>Stroke</b>	127 mm
<b>Displacement</b>	3.3 l
<b>Compression Ratio</b>	18.23:1
<b>Aspiration</b>	Turbocharged aftercooled
<b>Combustion System</b>	Direct injection
<b>Rotation from Flywheel End</b>	Anti-clockwise
<b>Aftertreatment</b>	-
<b>Cooling System</b>	Liquid

---

## ENGINE DIMENSIONS\*

---

<b>Length</b>	546 mm
<b>Width</b>	586 mm
<b>Height</b>	826 mm
<b>Dry Weight</b>	276 kg

---

DISCLAIMER

---

**Note 1**

\*Final dimensions dependent on selected options

---

## 1103D-33TA STANDARD EQUIPMENT

### AIR SYSTEM

Cast iron exhaust manifold

Integral inlet manifold

Side mounted turbocharger

### ELECTRICAL AND ELECTRONICS

12 volt alternator

12 volt starter motor

Engine shut-off solenoid

### COOLING SYSTEM

Coolant temperature switch

Cooling fan

Water outlet

### FUEL SYSTEM

Ecoplus fuel filter

### GENERAL

Cast iron engine block

Choice of filler positions

Glow plug starting aid

slowly starting and

## OIL SYSTEM

Dipstick (left or right position)

Lubricating oil pressure switch

Lubricating oil sump for 4WD tractors

Standard oil filters

## POWER TAKE-OFF (PTO)

Provision for PTOs