



OECD approval number

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OECD approval date

Full Code

29/05/2001

Make

Kukje

Model

2810

Type

4 WD

Models for other countries:

Branson 2810

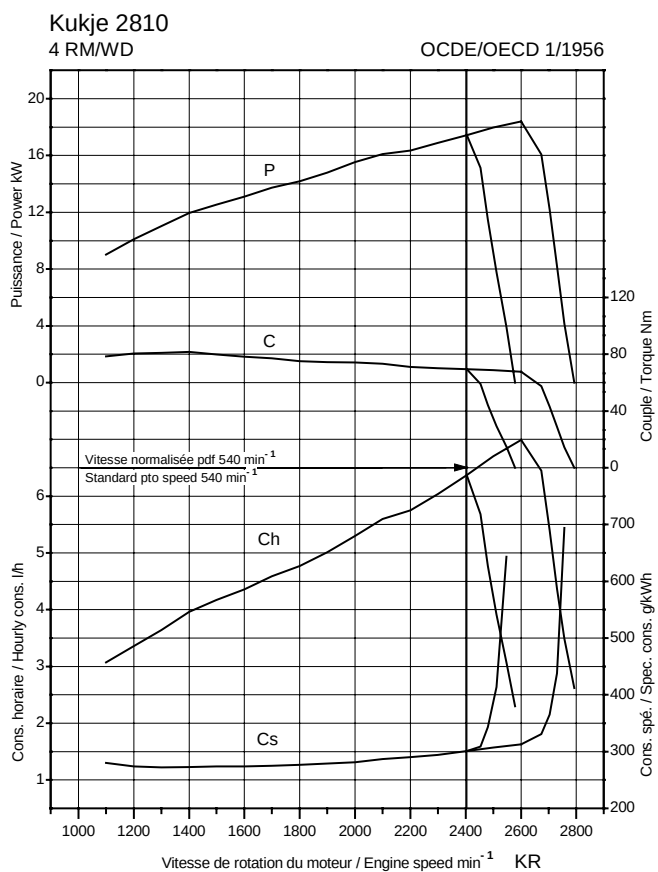
Century 2810

Manufacturer

Kukje Machinery Co., Ltd

Testing station:

NAMRI, Suwon, Korea



Engine, Transmission, Power take-off Specifications

<i>Make, Model</i>	Kukje	3T84L-ATC
<i>Type, Supercharging</i>	Indirect injection	None
<i>Cylinders, Disposition</i>	3	vertical in line
<i>Capacity, Cooling</i>	1562 cm ³	Liquid
<i>Gear box</i>		Mechanical synchronized
<i>Number of forward and reverse speeds</i>		12 12
<i>Speed at rated engine speed</i>		from 1.68 to 21.94 km/h
<u>Standard Power take-off speed</u>		<u>540 min⁻¹</u> <u>1000 min⁻¹</u>
<i>Power take-off speed at rated engine speed</i>		583 min ⁻¹ 1088 min ⁻¹
<i>Diameter of the shaft</i>		35 mm 35 mm
<i>Number of splines</i>		6 6

Power take-off TestTwo hours test at maximum power

<i>Power, Engine and Power take-off speed</i>	18.4 kW	2600 min ⁻¹	584 min ⁻¹
<i>Hourly and specific consumption</i>		6.99 l/h	313 g/kWh

Test at maximum power at rated engine speed

<i>Power, Engine and Power take-off speed</i>	18.4 kW	2600 min ⁻¹	584 min ⁻¹
<i>Hourly and specific consumption</i>		6.99 l/h	313 g/kWh

Test at standard Power take-off speed

<i>Power, Engine and Power take-off speed</i>	17.5 kW	2405 min ⁻¹	540 min ⁻¹
<i>Hourly and specific consumption</i>		6.37 l/h	301 g/kWh

Torque rise

<i>Maximum torque, Engine speed corresponding</i>		81.6 Nm	1400 min ⁻¹
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Drawbar Test

<i>Front tyres, Rear tyres</i>	7 - 16	12.4 - 24
<u>Test with tractor</u>	<u>unballasted</u>	<u>ballasted</u>
<i>Total Mass</i>	1566 kg	1686 kg
<i>Maximum drawbar pull</i>	12.8 kN	14.0 kN
<i>at speed of</i>	1.58 km/h	1.59 km/h
<i>Maximum power</i>	17.5 kW	17.8 kW
<i>at speed of</i>	9.15 km/h	9.14 km/h

Power Lift and Hydraulic Performance Test

<i>Hydraulic system</i>		Opened centre
<i>Maximum lifting force at hitch points, at frame</i>	13.0 kN	10.9 kN
<u>At maximum hydraulic power</u>		
<i>Flow rate, Pressure, Power</i>	30.3 l/min	14.6 MPa 7.4 kW