



OECD approval number

1/2 311

OECD approval date

Full Code
24/01/2006

Make

Dongfeng

Model

254

Type

4 WD

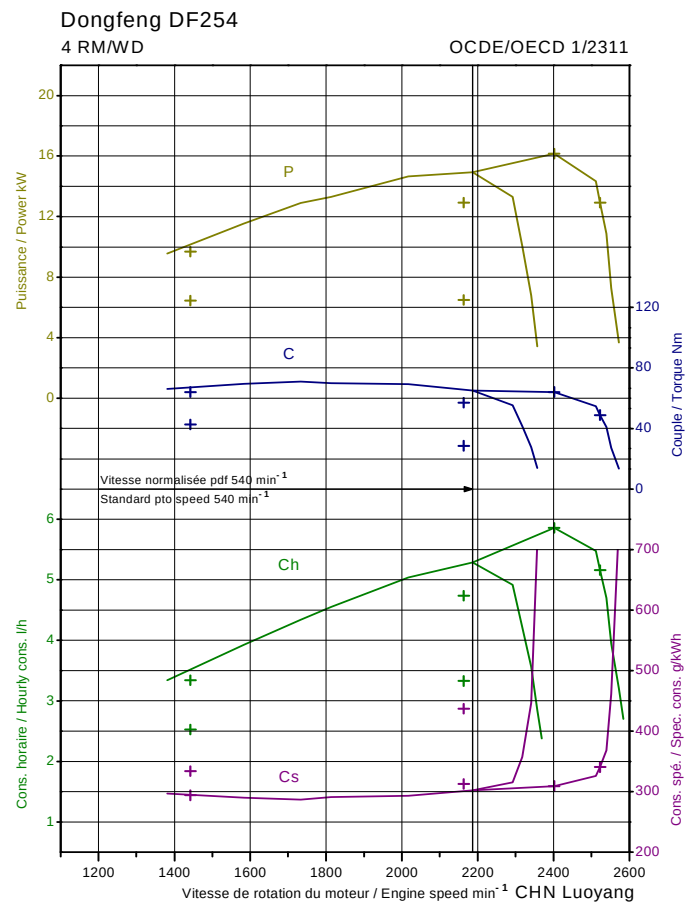
30 km/h - 8 speeds

Manufacturer

Changzhou Dongfeng Agricultural
Machinery Group Co., Ltd

Testing station:

COTTEC, Luoyang, China



Engine, Transmission, Power take-off Specifications

<i>Make, Model</i>	Yangdong	Y385T
<i>Type, Supercharging</i>	Indirect injection	None
<i>Cylinders, Disposition</i>	3	vertical in line
<i>Capacity, Cooling</i>	1532 cm ³	By water
<i>Gear box</i>		Mechanical
<i>Number of forward and reverse speeds</i>	8	2
<i>Speed at rated engine speed</i>	from 1.12	to 26.54 km/h
<i>Standard Power take-off speed</i>	540 min ⁻¹	1000 min ⁻¹
<i>Power take-off speed at rated engine speed</i>	593 min ⁻¹	1072 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>	16.2 kW	2402 min ⁻¹	593 min ⁻¹
<i>Hourly and specific consumption</i>		5.86 l/h	309 g/kWh

Test at maximum power at rated engine speed

<i>Power, Engine and Power take-off speed</i>	16.2 kW	2402 min ⁻¹	593 min ⁻¹
<i>Hourly and specific consumption</i>		5.86 l/h	309 g/kWh

Test at standard Power take-off speed

<i>Power, Engine and Power take-off speed</i>	14.9 kW	2187 min ⁻¹	540 min ⁻¹
<i>Hourly and specific consumption</i>		5.29 l/h	302 g/kWh

Torque rise

<i>Maximum torque, Engine speed corresponding</i>		71.1 Nm	10.7 %
			1733 min ⁻¹

Drawbar Test

<i>Front tyres, Rear tyres</i>	6.00-12	9.5-24
<i>Test with tractor</i>	<u>unballasted</u>	<u>ballasted</u>
<i>Total Mass</i>	1290 kg	1596 kg
<i>Maximum drawbar pull</i>	11.4 kN	14.1 kN
<i>at speed of</i>	1.01 km/h	1.63 km/h
<i>Maximum power</i>	14.1 kW	14.3 kW
<i>at speed of</i>	9.17 km/h	9.17 km/h

Hydraulic Performance and Power Lift Test

<i>Hydraulic system</i>			Opened centre
<i>At maximum hydraulic power</i>			
<i>Flow rate, Pressure, Power</i>	19.6 l/min	11.0 MPa	3.6 kW
<i>Maximum lifting force</i>			
<i>at hitch points, at frame</i>		7.5 kN	5.8 kN

