



OECD approval number

1/1 952

OECD approval date

Full Code
04/05/2001

Make

Daedong

Model

DK 45

Type

4 WD

Manufacturer

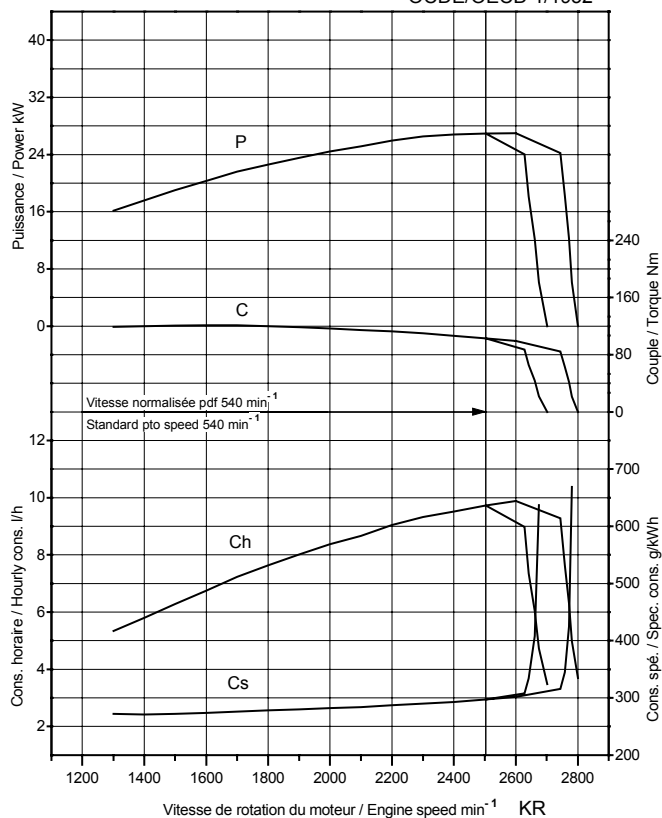
Daedong Industry Co., Ltd.

Testing station:

NAMRI, Suwon, Korea

Daedong DK 45
4 RM/WD

OCDE/OECD 1/1952



Engine, Transmission, Power take-off Specifications

<i>Make, Model</i>	Daedong	4A220
<i>Type, Supercharging</i>	Indirect injection	None
<i>Cylinders, Disposition</i>	4	vertical in line
<i>Capacity, Cooling</i>	2197 cm ³	Liquid
<i>Gear box</i>		Mechanical synchronized
<i>Number of forward and reverse speeds</i>		8 8
<i>Speed at rated engine speed</i>		from 1.73 to 24.69 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>		561 min ⁻¹ None
<i>Diameter of the shaft</i>		35 mm
<i>Number of splines</i>		6

Power take-off TestTwo hours test at maximum power

<i>Power, Engine and Power take-off speed</i>	27.0 kW	2600 min ⁻¹	561 min ⁻¹
<i>Hourly and specific consumption</i>		9.89 l/h	302 g/kWh

Test at maximum power at rated engine speed

<i>Power, Engine and Power take-off speed</i>	27.0 kW	2600 min ⁻¹	561 min ⁻¹
<i>Hourly and specific consumption</i>		9.89 l/h	302 g/kWh

Test at standard Power take-off speed

<i>Power, Engine and Power take-off speed</i>	27.0 kW	2503 min ⁻¹	540 min ⁻¹
<i>Hourly and specific consumption</i>		9.73 l/h	297 g/kWh

Torque rise

22.5 %

Maximum torque, Engine speed corresponding121.4 Nm 1700 min⁻¹**Drawbar Test***Front tyres, Rear tyres*

9.5 - 18 13.6 - 28

Test with tractorunballasted ballasted*Total Mass*

1766 kg 1874 kg

Maximum drawbar pull

13.1 kN 13.5 kN

at speed of

1.68 km/h 1.67 km/h

Maximum power

24.2 kW 24.8 kW

at speed of

10.53 km/h 10.60 km/h

Power Lift and Hydraulic Performance Test*Hydraulic system*

Opened centre

Maximum lifting force at hitch points, at frame

12.1 kN 11.7 kN

At maximum hydraulic power*Flow rate, Pressure, Power*

30.3 l/min 15.8 MPa 8.0 kW