



**WACKER  
NEUSON**  
*all it takes!*

## DPU80rLec670

5100027033

[Home](#) >> [Catalog](#) >> [Products](#) >> [Compaction](#) >> [Vibratory Plates](#) >> [Reversible Vibratory Plates](#) >> **DPU80rLec670**

### DPU80rLec670

Material number 5100027033



Remote-control vibratory plate with diesel engine, electric starter and Compatec compaction control for the highest requirements on performance, sturdiness and operating comfort in soil compaction. Operating width 670 mm.

### Product details

#### Highlights

- Compamatic
- Compact dimensions, high performance
- Sturdy and durable
- Infra-red remote control with tried and tested safety features
- Variable, precise control

#### Comes with

- Vibration plate
- Operator's manual

## Technical specifications

### DPU80rLec670

| OPERATING FLUIDS       | Metric                 |
|------------------------|------------------------|
| Cooling fluid type     | SAE J1034:Wasser (1:1) |
| Tank capacity          | 7,20 l                 |
| Exciter oil volume     | 1,60 l                 |
| Hydraulic fluid type   | Renolin MR 520         |
| Hydraulic fluid volume | 17,700 l               |
| Cooling fluid volume   | 3,30 l                 |
| Exciter oil type       | 75W-90 API GL-4        |

| ENGINE                        | Metric                   |
|-------------------------------|--------------------------|
| Inclined position max.        | 25,0 °                   |
| Engine operating mode         | four-stroke              |
| Operating Engine speed        | 3.000 1/min              |
| Fuel consumption              | 2,70 l/h                 |
| CO2 (NRSC)                    | 933,30 g/KWh             |
| Standard (Power max.)         | ISO 3046-1               |
| Standard (Effective power)    | ISO 3046-1               |
| Nominal Engine speed          | 3.000 1/min, 3.000 1/min |
| Oil filling max.              | 1,60 l                   |
| Effective power               | 11,0 kW, 11,0 kW         |
| Battery capacity (nom. value) | 50 Ah                    |
| Air cleaner                   | Dry air filter           |
| Power rating max.             | 11,5 kW                  |
| fuel type                     | Diesel EN 590            |
| Cooling                       | Water-cooling            |
| Exhaust-gas limit             | EU Stage V               |
| Oil specification             | SAE 10W-40               |
| Starter battery Voltage       | 12 V                     |

|                                |                     |
|--------------------------------|---------------------|
| Engine speed (Power max.)      | 3.600 1/min         |
| Starter type                   | E-starter           |
| Upper idling speed ex load     | 3.100 1/min         |
| Operating power                | 9,6 kW              |
| Oil filling min.               | 1,60 l              |
| Engine type                    | Diesel engine       |
| Cylinder                       | 2                   |
| Engine Manufacturer            | Kohler              |
| Standard (Operating power)     | ISO 3046-1          |
| Cylinder capacity              | 686 cm <sup>3</sup> |
| Oil volume incl. filter change | 1,60 l              |

#### MECHANICAL - OUTPUT DETAILS

Metric

|                   |                         |
|-------------------|-------------------------|
| Vibrations        | 3.380 1/min             |
| Forward running   | 27,00 m/min             |
| Transmission      | ELHY                    |
| Gradeability      | 34,0 %                  |
| Centrifugal force | 80,000 kN               |
| Vibrations (Hz)   | 56,0 Hz                 |
| Area capacity     | 1.085 m <sup>2</sup> /h |

#### HYDRAULIC

Metric

|                               |           |
|-------------------------------|-----------|
| Max. perm. hydraulic pressure | 230,0 bar |
| Operating pressure hydraulics | 155,0 bar |

#### ELECTRICAL SYSTEM

Metric

|                              |                    |
|------------------------------|--------------------|
| Remote Control Bat. Capacity | 8 h                |
| Recommended Battery Typ      | Ni-MH 7,2V/2000mAh |
| Charging Time                | 2,00 h             |
| Remote Control Range         | 20 m               |

**ENVIRONMENT DATA**

Metric

|                             |             |
|-----------------------------|-------------|
| Operating temperature range | -10 - 50 °C |
| Sound level LpA (Standard)  | EN 500-4    |
| Sound power LWA, guaranteed | 109,0 dB(A) |
| Storage temperature range   | -20 - 50 °C |
| Sound level LpA             | 84,0 dB(A)  |
| Sound power LWA (Standard)  | EN 500-4    |
| Sound power LWA, measured   | 104,0 dB(A) |

**MECHANICAL DETAILS**

Metric

|                            |          |
|----------------------------|----------|
| Lenght Drawbar in op. pos. | 1.207 mm |
| Operating weight           | 709,0 kg |
| Height                     | 833 mm   |
| Underclearance             | 830 mm   |
| Width                      | 670 mm   |

**Custom Attributes**

Metric

|             |     |
|-------------|-----|
| Model serie | DPU |
|-------------|-----|

**Please Note**

This product availability can vary from country to country. It is possible that information / products may not be available in your country. More detailed information on engine power can be found in the operator's manual; the started power may vary due to specific operating conditions. Subject to alterations and errors expected. Applicable also to illustrations.

Copyright © 2024 Wacker Neuson SE