



DPU110rLec870

Remote-control vibratory plate

Powerful compaction, remote controlled

Sturdy and compact in design, the remote-controlled vibratory plates offer the same high compaction performance as the models with center pole. The convenient remote control with two joysticks allows the operator to work away from vibrations, exhaust emissions and noise pollution. The innovative control unit simultaneously controls forward travel and rotational movement allowing the plate to be steered efficiently and precisely even on curves and around obstacles.

Highlights

- Compact
- Compact dimensions, high performance
- Sturdy and durable
- Infrarot-Fernsteuerung (Sicherheitsmerkmale)
- Variable, precise control

Technical Data

■ Mechanical - Output Details

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| Centrifugal force | 110 kN |
| Vibrations | 3.600,0 1/min |
| Transmission | Hydrostatic with electronic control unit |
| Area capacity | 1.462,0 m ² /h |
| Forward running | 28,0 m/min |
| Gradeability | 32,0 % |
| Vibrations (Hz) | 60,0 Hz |
| Standard Support Plate | without Support Plate |
| PQ Class | 3 |
| Hauc Class | 1.400,0 - 1.800,0 kg/m ² |

■ Mechanical Details

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|----------------------------|------------|
| Length Drawbar in op. pos. | 1.207,0 mm |
| Length Baseplate | 1.182,0 mm |
| Width | 870,0 mm |
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| Height | 833,0 mm |
| Height Cover frame | 822,0 mm |
| Height Crane hook | 932,0 mm |
| Thickness Baseplate | 14,0 mm |
| Thickness Baseplate min. | 10,0 mm |

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| Operating weight | 793,0 kg |
| Ground clearance | 830,0 mm |
| Contact area | 556.800,0 mm ² |

■ Engine

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| Effective power | 16,0 KW |
| Nominal Engine speed | 2.700,0 1/min |

■ Environment Data

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| Storage temperature range | -20 - 50 °C |
| Operating temperature range | -10 - 50 °C |
| Operational altitude max. | 2.700,0 m NN |
| Sound level LpA | 89,0 dB(A) |
| Sound level LpA (Standard) | EN 500-4 |
| Measuring method LpA | LPA5m |
| Sound power LWA, measured | 107,0 dB(A) |
| Sound power LWA, guaranteed | 109,0 dB(A) |
| Sound power LWA (Standard) | EN 500-4 |

■ Electrical System

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| Remote Control Range | 20,0 m |
| Remote Control Bat. Capacity | 8,0 h |
| Charging Time | 2,0 h |
| operating pressure | 193,0 bar |

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| max. perm. hydraulic pressure | 230,0 bar |
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■ **Operating Fluids**

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| Cooling fluid volume | 4,4 l |
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| Cooling fluid type | SAE J1034: Wasser (1:1) |
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| Exciter oil volume | 1,60 l |
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| Exciter oil type | 75W-90 API GL-4 |
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| Hydraulic fluid volume | 21,9 l |
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| Hydraulic fluid type | Renolin MR 520 |
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