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## High frequency internal vibrator with integrated converter IRFU65/120/5

5000610105

[Home](#) >> [Catalog](#) >> [Products](#) >> [Concrete Technology](#) >> [Internal Vibrators](#) >> [High Frequency Internal Vibrators with integrated converter](#) >> [High frequency internal vibrator with integrated converter IRFU65/120/5](#)

### High frequency internal vibrator with integrated converter IRFU65/120/5

Material number 5000610105



Electric internal vibrator with integrated frequency inverter for concrete compaction. Protection hose length of 5 meters. With integrated personal protection switch (Bodyguard™).

## Product details

### High frequency internal vibrator, designed for the toughest application conditions

- Integrated frequency inverter, therefore two pieces of equipment in one for convenient handling and compensation for fluctuating input voltages. No external inverter required.
- Power cable outfitted with Bodyguard™ (shutdown of the equipment in cases of emergency within 3 msec.) to protect the operator from electric shock if the electric power supply is insufficiently secured.
- Complete potted electronic components for a long service life
- Wear resistant vibrator head made of steel, completely induction hardened
- Repairable vibrator head (exchange of individual components)
- Ergonomically shaped switch box
- RPM-stable, powerful electric motor designed, developed and produced in-house - Made in Germany
- With integrated thermal overload protection breaker
- Power cable made of sturdy, flexible rubber

## Comes with

- Internal vibrator
- Operator's manual

Errors and omissions are reserved. The information in this data sheet is based on present knowledge. However, this neither guarantees specific product features nor establishes a legally valid contractual relationship.

## Technical specifications

### High frequency internal vibrator with integrated converter IRFU65/120/5

#### ENVIRONMENT DATA

Sound level LpA	79,0 dB(A)
Sound level LpA (Standard)	DIN EN ISO 11201
Measuring method LpA	LPA1m
Storage temperature range	-20 - 60 °C
Operating temperature range	-10 - 40 °C
Uncertainty in measurement HAV	0,5 m/s <sup>2</sup>
Degree of protection	IP67
Protection class	I / Protective earthing
Vibration total value ahv	3,4 m/s <sup>2</sup>
Vibration value (Standard)	DIN EN ISO 20643

#### MECHANICAL - OUTPUT DETAILS

Vibrations	12.000 1/min
Vibrations (Hz)	200 Hz
Amplitude at air	2,50 mm

#### ELECTRICAL - OUTPUT DETAILS

Nominal current	15,00 A
Nominal voltage	110 - 130 V
Nominal frequency	50 - 60 Hz
Nominal power [P]	1,40 kW
Phase	1 ~

## THERMAL - OUTPUT DETAILS

Overheat limit activation	150 °C
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## MOTOR

Motor type	asynchronous motor
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## OPERATING FLUIDS

Oil volume	0,012 l
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Oil specification	Klüberoil 4UH1-46N
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## ELECTRICAL SYSTEM

Breaker Switch On/Off	yes
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Length Cable	15,00 m
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Kind of plug	CEE-Plug 2P+E 16A 110V 4H
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Integrated transformer	yes
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## MECHANICAL DETAILS

Weight	25,50 kg
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Head design	round
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Head diameter/-diagonal	65 mm
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External diameter hose	40 mm
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Length Head	490 mm
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Length Hose	5,00 m
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Rubber cap	no
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#### Custom Attributes

Model serie	IRFU
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Product line	Premium
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#### 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.

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