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High frequency internal vibrator with integrated converter IRFU57/120/10

5100008936

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High frequency internal vibrator with integrated converter IRFU57/120/10

Material number 5100008936



Electric internal vibrator with integrated frequency inverter for concrete compaction. Protection hose length of 10 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

Technical specifications

High frequency internal vibrator with integrated converter IRFU57/120/10

ENVIRONMENT DATA

Protection class	I / Protective earthing
Storage temperature range	-20 - 60 °C
Degree of protection	IP67
Sound level LpA	79,0 dB(A)
Measuring method LpA	LPA1m
Sound level LpA (Standard)	DIN EN ISO 11201
Operating temperature range	-10 - 40 °C
Vibration total value ahv	2,5 m/s2
Vibration value ahv (Standard)	DIN EN ISO 20643
Uncertainty in measurement HAV	0,5 m/s2

ELECTRICAL SYSTEM

Breaker Switch On/Off	yes
Integrated transformer	yes
Light cone	15,0 m
Length Cable	15,00 m
Kind of plug	CEE-Plug 2P+E 16A 110V 4H

MECHANICAL DETAILS

Length Hose	6,00 m
Length Head	400 mm
External diameter hose	40 mm
Head diameter/-diagonal	58 mm
Head design	round
Weight	23,10 kg
Rubber cap	no

MECHANICAL - OUTPUT DETAILS

Amplitude at air	2,50 mm
Vibrations	12.000 1/min

Vibrations (Hz)	200 Hz
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ELECTRICAL - OUTPUT DETAILS

Nominal current	12,00 A
Nominal voltage	110 - 130 V
Nominal frequency	50 - 60 Hz
Nominal power [P]	1,10 KW
Phase	1 ~

OPERATING FLUIDS

Oil volume	0,010 l
Oil specification	Klüberoil 4UH1-46N

MOTOR

Motor type	asynchronous motor
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THERMAL - OUTPUT DETAILS

Overheat limit activation	150 °C
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Custom Attributes

Model serie	IRFU
Product line	Premium

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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