

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

5000610105

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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 TM).

Product details

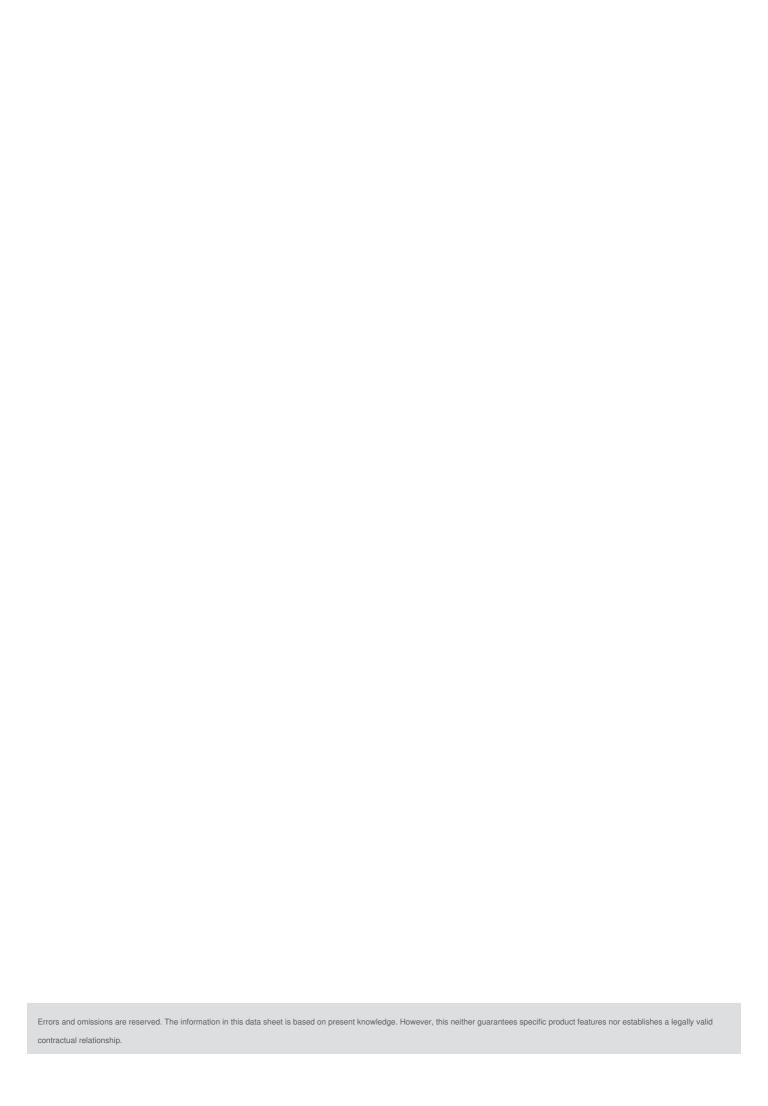
High frequency internal vibrator, designed for the toughest application conditions

- •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/s2
Degree of protection	IP67
Protection class	I / Protective earthing
Vibration total value ahv	3,4 m/s2
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 ~

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THERMAL - OUTPUT DETAILS

Overheat limit activation	150 °C

MOTOR

Motor type	asynchronous motor
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OPERATING FLUIDS

Oil volume	0,012
Oil specification	Klüberoil 4UH1-46N

ELECTRICAL SYSTEM

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

MECHANICAL DETAILS

Weight	25,50 kg
Head design	round
Head diameter/-diagonal	65 mm
External diameter hose	40 mm
Length Head	490 mm
Length Hose	5,00 m

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Rubber cap	no
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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