

HTR / HTRS

Rev. 1/09-02-2009

ELECTRIC HIGH FREQUENCY EXTERNAL VIBRATORS

Specially suitable for connection to formworks and vibrating tables, to compact concrete with a frequency of 6000 rotations per minute.

Description

Electric high frequency external vibrators are driven by frequency converters providing 42V-200 Hz or 250V-200 Hz. Our program distinguishes various types of **HTR** electric external vibrators with feet mounting and **HTRS** electric external vibrators with rapid coupling connection. For HTR as well as HTRS, we offer a total package of electronic frequency variators for adjusting the speed somewhere between 0 – 6.000 rotations per minutes. On request we also offer complete switchboxes, with thermal overload relais and control lights, for connecting several vibrators.



electronic frequency variators



HTR
400V/3-phases/50 Hz, 3000 rpm
feet mounting with bolts



HTRS
42V/3-phases/200 Hz, 6000 rpm
rapid coupling connection



rapid couplings M23 and M17
For quick, simple mounting to
formwork

Characteristics

Main characteristics of HTR / HTRS electric high frequency external vibrators are:

- Rotors are produced with low loss lamination core for increasing efficiency and reducing temperatures.
- Winding insulation is developed according to the ASTM-method with class H polyester resin.
- Ductil cast iron housing and high resistance aluminium housing for reducing body stress.
- NiCrMo heat-treated steel shafts.
- High load capacity bearings, lubricated with special "long-life" grease.
- Labyrinth type bearing seal with wide restraining chamber.
- Excentric weights with easy and precise adjustment.
- Electrostatic powder painting Blue RAL 5010, polymerized in oven.

Technical information

TYPE	CENTR. FORCE	WEIGHT	INPUT POWER	AMPERAGE 42V	AMPERAGE 250V	FIXING *
	kN	kg	Watt	A	A	mm
HTR 500 *	5.15	13.1	700	11.3	1.9	140x105x11
HTR 1000 *	9.25	20.0	1050	17.0	2.9	154x111x13
HTR 1500 *	15.11	23.5	1600	26.0	4.4	180x100x17
HTR 2000 *	19.50	42.0	2000	34.0	5.7	190x140x17
HTRS 500	5.15	12.0	700	11.3	1.9	rapid coupling M17
HTRS 1000	9.25	19.3	1050	17.0	2.9	rapid coupling M23
HTRS 1500	15.11	21.8	1600	26.0	4.4	rapid coupling M23

* Width x length x fixing hole Ø.

Special frequencies and voltages available on request.