

ETR / ETRS

Rev. 1/09-02-2009

ELECTRIC EXTERNAL VIBRATORS

Electric external vibrators suitable for large and small projects on building sites or in concrete factories.

Description

Our program distinguishes various types of **ETR** electric external vibrators with feet mounting and **ETRS** electric external vibrators with rapid coupling connection. For ETR as well as ETRS, we offer a total package of electronic frequency variators for adjusting the speed somewhere between 0 – 3.600 rotations per minutes. On request we also offer complete switchboxes, with thermal overload relais and control lights, for connecting several vibrators.



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



ETRS
400V/3-phases/50 Hz, 3000 rpm
rapid coupling connection



rapid couplings M23 and M17
for quick, simple mounting to
formworks

Characteristics

Main characteristics of ETR / ETRS electric 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	FIXING DIMENSIONS *
	kN	kg	Watt	A	mm
ETR 65/3 *	0.66	4.5	150	0.3	105 x 70 x 9
ETR 130/3 *	1.25	4.8	180	0.35	105 x 70 x 9
ETR 200/3 *	1.87	5.1	180	0.35	105 x 70 x 9
ETR 300/3 *	3.10	8.5	270	0.58	140 x 90 x 11
ETR 650/3 *	6.68	21.0	500	0.98	160 x 100 x 13
ETR 850/3 *	8.59	32.0	600	1.0	170 x 120 x 17

TYPE	CENTR. FORCE	WEIGHT	INPUT POWER	AMPERAGE	FIXING DIMENSIONS *
	kN	Kg	Watt	A	mm
ETR 1100/3 *	10.50	34.0	720	1.2	170 x 120 x 17
ETR 1600/3 *	16.10	45.0	1500	2.4	190 x 140 x 17
ETR 2000/3 *	20.02	47.0	2000	3.3	190 x 140 x 17
ETRS 800/3	8.73	20.5	650	1.1	Rapid coupling M23
ETRS 1500/3	13.95	30.0	900	1.5	Rapid coupling M23

* Width x length x fixing hole Ø.

Special frequencies and voltages available on request.