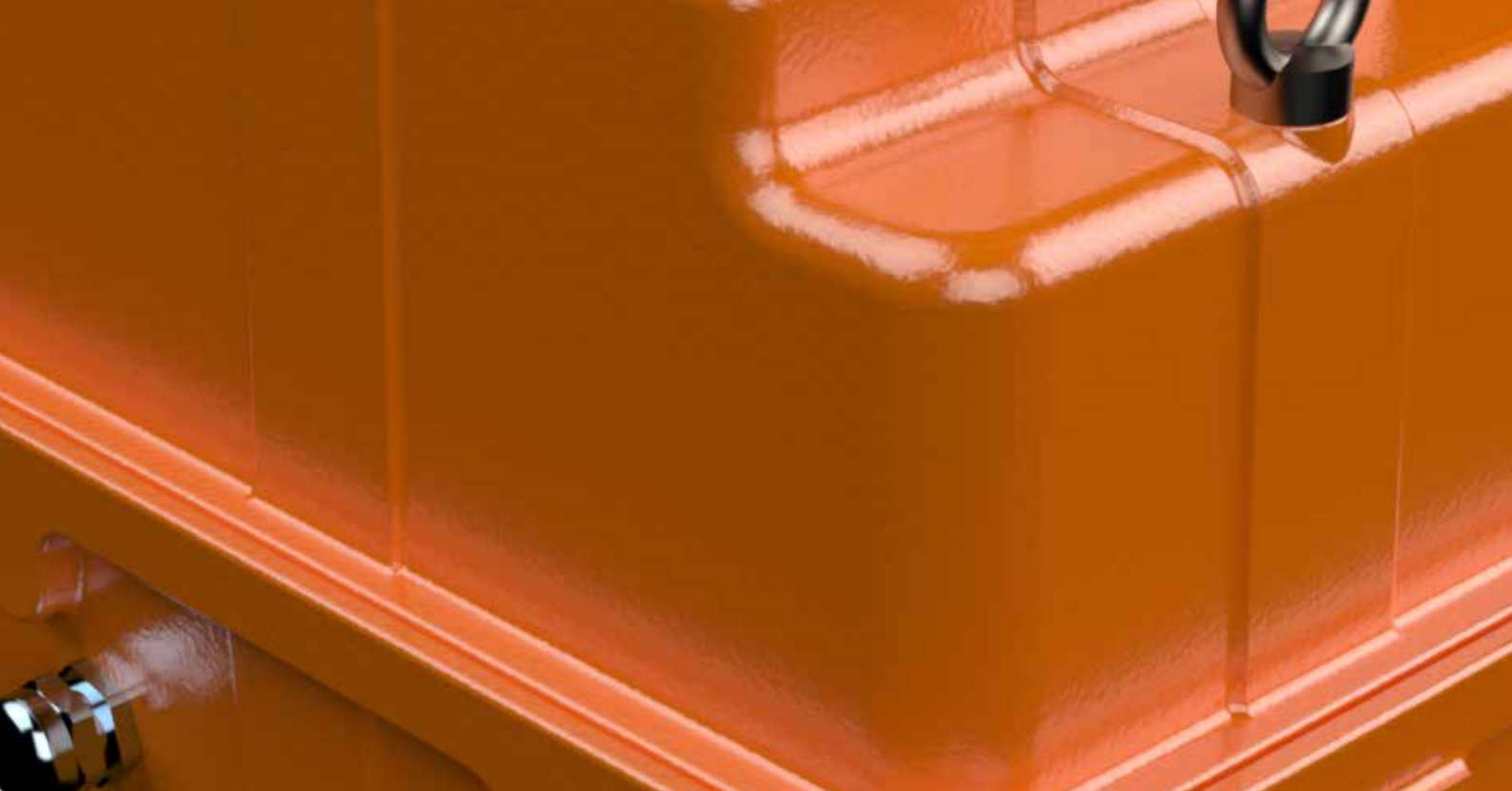
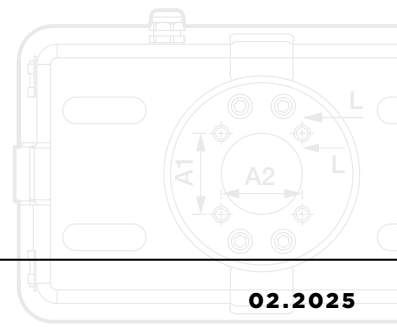




EN

ITALVIBRAS ELECTROMAGNETIC VIBRATOR

NEW



02.2025

VE

VE

NEW

THE ITALVIBRAS ELECTROMAGNETIC VIBRATOR

The choices made at the design level have allowed us to obtain a product with a large range of use and a wide possibility of adjustment.

In the new Italvibras electromagnetic vibrators the “passive” mass laying on the weight of the vibrating machine is very reduced, allowing a

better operating efficiency. Adjustment can be tuned with vibrator installed on the machine: no special tools needed.

TECHNICAL FEATURES

POWER SUPPLY

Voltage from 105V to 600V, 25/50Hz (in 50Hz net) and 30/60Hz (in 60Hz net); electronic control system available on request.

FUNCTIONING

Continuous service (S1) or intermittent services, with immediate start/stop after switching.

RANGE OF APPLICATIONS

Wide range extended from 25 to 500 kg.

MECHANICAL PROTECTION

IP65 according to IEC/EN 60529;

PROTECTION AGAINST MECHANICAL IMPACTS

IK08 according to IEC/EN 62262;

INSULATION CLASS

Class F (155°C).

TROPICALIZATION

Standard on all vibrators, with vacuum encapsulated coil.

AMBIENT TEMPERATURE

From -20°C to +40°C. Versions for higher or lower temperatures are available on request.

THERMAL PROTECTION

Optionally.

FIXING OF THE VIBRATOR

In all positions and therefore without restriction. Small fixing foot.

CONNECTION

Supplied with 2m cable. Other connections available on request.

BASE

In cast iron.

COVER

In aluminium or cast iron. Easy fitting. Protected from water and dust by seal.

MAGNET

Fully vacuum encapsulated in epoxy resin.

CERTIFICATION

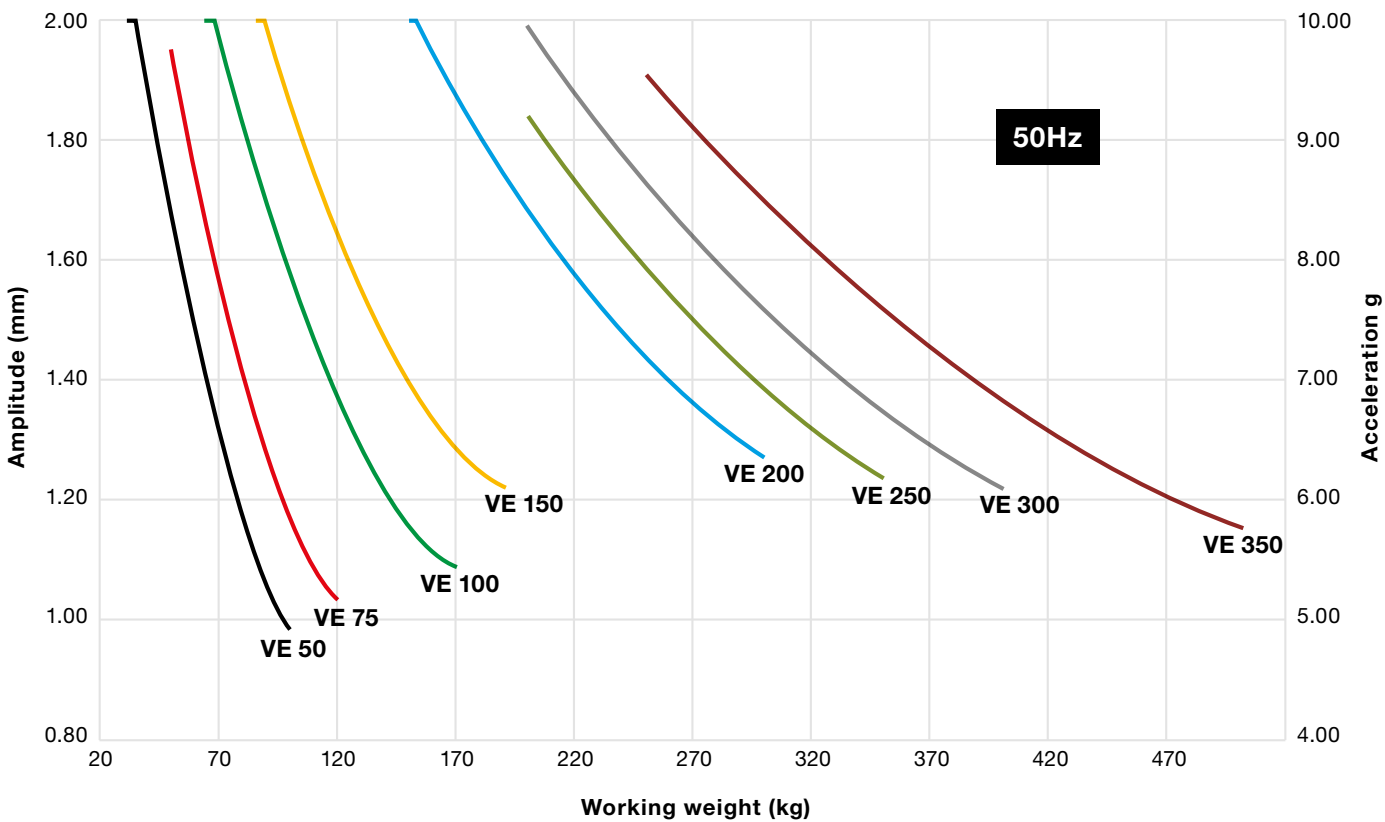
Conformity with all applicable Directives. Version suitable for potentially explosive atmospheres.

SURFACE TREATMENT

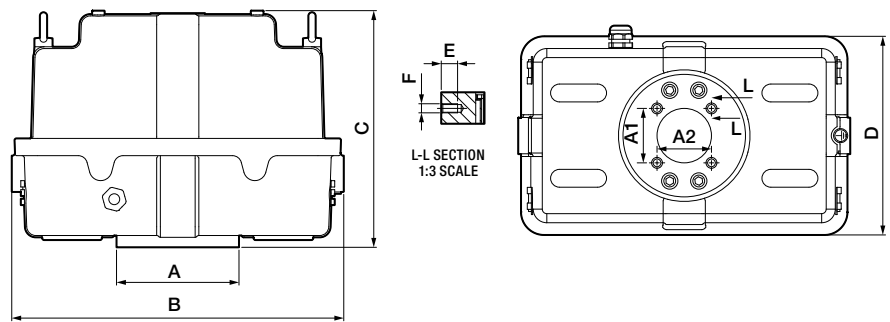
As standard: electrostatic surface treatment based on polymerised epoxy polyester powder in oven at 200°C, tested in salt spray for 500 hours. On request STEEL IT polyurethane resin coating also available.



PERFORMANCE CURVES



Code	Type	Weight (Kg)	Power (KVA)	Working weight range (Kg)		Amplitude max (mm)		Dimensional specifications (mm)							
				min	max	max	min	A	B	C	D	E	F	Fixing holes A1	A2
609007	VE 50	62	1,0	25	100	2,0	1,0	135	366	262	219	18	M10	60	60
609013	VE 75	69	1,0	50	120	2,0	1,0	135	366	266	219	18	M10	60	60
609008	VE 100	130	2,2	60	170	2,0	1,1	165	460	367	277	20	M12	80	80
609012	VE 150	150	2,2	80	190	2,0	1,2	165	460	367	277	20	M12	80	80
609014	VE 200	240	3,0	150	300	2,0	1,3	210	547	450	354	26	M16x1,5	100	100
609010	VE 250	250	3,8	200	350	1,9	1,2	210	547	450	354	26	M16x1,5	100	100
609009	VE 300	275	4,5	200	400	2,0	1,2	210	547	450	354	26	M16x1,5	100	100
609011	VE 350	310	4,5	250	500	1,9	1,1	210	547	475	354	26	M16x1,5	100	100



For further details please contact sales offices at Italvibras. The technical data and models listed in this catalogue are not binding. Italvibras reserves the right to modify them without prior notice.

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