

AR54/6/250

External vibrators for consolidation of prefabricated concrete factories

A permanent solution

The AR54 shows its strength particularly in 24-hour continuous operation: It offers maximum operational reliability - even under the toughest operating conditions. This is due to the vibration-resistant and heat-resistant windings of the electric motor (plastic encapsulation, class H up to 180 °C) and the highly resilient special bearings. The result: long service life and minimal maintenance requirements.

Highlights

- Sturdy design

Technical Data

Electrical - Output Details

Nominal current	3.10 A
Nominal voltage	250.0 V
Nominal frequency	200.0 Hz
Nominal power [P]	1.20 kW
Phase	3.0 ~

Mechanical - Output Details

Centrifugal force	8 kN
Vibrations	6,000.0 1/min
Vibrations (Hz)	100.0 Hz
Centrifugal force max.	14.23 kN

Mechanical Details

Length	245.0 mm
Width	155.0 mm
Height	188.0 mm
Weight	13.38 kg
Unbalanced mass/side pos1	4.0
Unbalanced mass/side pos2	2.0
Hole pattern length	120.0 mm
Hole pattern width	120.0 mm
Hole pattern hole diameter	16.0 mm

Motor

Motor type	Asynchronous motor

Environment Data

Protection class	I / Protective earthing
Degree of protection	IP65

Electrical System

Breaker Switch On/Off	no
Operating indicator	No
Adjusting frequency	No
Integrated transformer	No

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