



## AR 53/9/250

### External vibrators for consolidation of prefabricated concrete factories

#### Made for the toughest operating conditions

The AR53 is perfect for application in precast factories. Extremely robust special bearings and the vibration-resistant as well as heat-resistant windings of the electric motor (plastic sealing, class H up to 180°C) ensure that the AR53 can be used even under the hardest operating conditions for long-term application.

## Highlights

- Sturdy design

## Technical Data

### ■ Electrical - Output Details

Nominal current	2.40 A
Nominal voltage	250.0 V
Nominal frequency	150.0 Hz
Nominal power [P]	0.80 KW
Phase	3.0 ~

### ■ Mechanical - Output Details

Centrifugal force	9 kN
Vibrations	9,000.0 1/min
Vibrations (Hz)	150.0 Hz
Centrifugal force max.	13.77 kN

### ■ Mechanical Details

Length	231.0 mm
Width	188.0 mm

Height	188.0 mm
Weight	11.62 kg
Unbalanced mass/side pos1	3.0
Unbalanced mass/side pos2	1.0

### ■ Motor

Motor type	Asynchronous motor
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### ■ Environment Data

Protection class	I / Protective earthing
Degree of protection	IP67

### ■ Electrical System

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