



## AR 53/6/042

### 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	18.20 A
Nominal voltage	42.0 V
Nominal frequency	200.0 Hz
Nominal power [P]	1.10 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.	14.14 kN

### ■ Mechanical Details

Length	231.0 mm
Width	188.0 mm

Height	188.0 mm
Weight	12.28 kg
Unbalanced mass/side pos1	4.0
Unbalanced mass/side pos2	2.0

### ■ Motor

Motor type	Asynchronous motor
------------	--------------------

### ■ Environment Data

Protection class	III / Safety extra-low voltage
Degree of protection	IP67

### ■ Electrical System

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