



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 ~

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

■ Mechanical - Output Details

Centrifugal force	8 kN
Vibrations	6,000.0 1/min
Vibrations (Hz)	100.0 Hz
Centrifugal force max.	14.14 kN

■ Environment Data

Length	231.0 mm
Width	188.0 mm

■ Electrical System

■ Mechanical Details