



AR 53/9/042

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	14.00 A
Nominal voltage	42.0 V
Nominal frequency	150.0 Hz
Nominal power [P]	0.80 KW
Phase	3.0 ~

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

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

■ Motor	
Motor type	Asynchronous motor

■ Mechanical Details

Length	231.0 mm
Width	188.0 mm

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