



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 ~ |

■ 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 |
|------------|--------------------|

■ 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 |