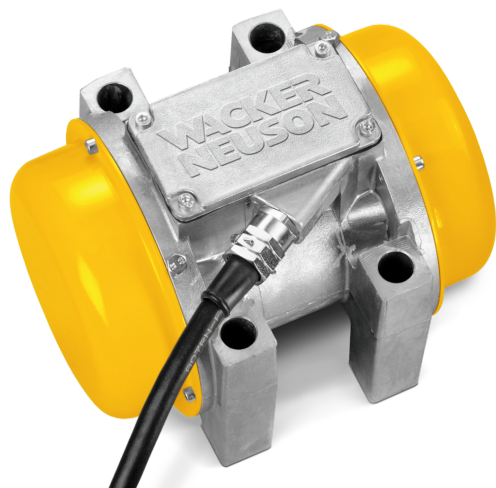




## AR 53/6/042

### 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 |