



## AR 52/6/042

### External vibrators for consolidation of prefabricated concrete factories

For 24-hour continuous application

Count on the durability and long service life of this external vibrator: it performs with maximum reliability and safety in the toughest operating conditions. Even when operating in a 24-hour application This is due to the low vibration and heat-resistant windings of the electric motor (plastic casing, Class H up to 180°C) as well as the extremely robust special bearings. That gives you two more advantages: long service life and minimum maintenance requirements.

### 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  | 217.0 mm |

|                           |          |
|---------------------------|----------|
| Height                    | 204.0 mm |
| Weight                    | 18.56 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 |