



AR 34/6/042

External vibrators for consolidation of prefabricated concrete factories

The long-distance runner

Long service life and minimal maintenance—the AR34 is a long-distance runner when it comes to concrete consolidation. And not only that: the AR34 performs with maximum reliability and safety in the toughest operating conditions—even in 24-hour continuous applications. Vibration-proof and heat-resistant windings of the electric motor (plastic sealing, class H up to 180°C) as well as the extremely robust special bearings contribute to the long run time.

Highlights

- Sturdy design

Technical Data

■ Electrical - Output Details

| | |
|-------------------|----------|
| Nominal current | 9.00 A |
| Nominal voltage | 42.0 V |
| Nominal frequency | 200.0 Hz |
| Nominal power [P] | 0.40 KW |
| Phase | 3.0 ~ |

■ Mechanical - Output Details

| | |
|------------------------|---------------|
| Centrifugal force | 7 kN |
| Vibrations | 6,000.0 1/min |
| Vibrations (Hz) | 100.0 Hz |
| Centrifugal force max. | 6.98 kN |

■ Mechanical Details

| | |
|--------|----------|
| Length | 244.0 mm |
| Width | 151.0 mm |

| | |
|---------------------------|----------|
| Height | 134.0 mm |
| Weight | 5.94 kg |
| Unbalanced mass/side pos1 | 16.0 |
| Unbalanced mass/side pos2 | 0.0 |

■ 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 |