

Bell ringing with linear induction motors

(cont....)

- Group of motors could be made in case of bigger bells (above 1500kg), the motors can be screwed together
- Intelligent embedded system as a regulator
- Integrated electronic sensors, professional regulator software
- Regulated swinging up and breaking
- The swinging angle could be regulated 5 degrees accuracy at least
- Automatic regulator's parameter identification, approx. 5 minutes setting time
- No user interface, configurable via ANSI/VT100 terminals
- Integrated power electronics without electromechanical relays

Specification (LIN 2)

- Maximum 1500kg bell-weight
- Approx. 500–800N pulling force, at 3m/s slip
- 3×400V, maximum 10A AC power with 25% operating duty factor
- Weight: 10kg

