

# Z range Gearless

**LEROY  
SOMER**  
[www.leroy-somer.com](http://www.leroy-somer.com)



*Solutions for Modernization projects  
up to 5000 kg - 5m/s - roping 2:1*

  
**EMERSON**  
Industrial Automation

# Z range: External Rotor Gearless Motors



Leroy-Somer introduces a complete range of external rotor gearless motors designed for both New Installations and Modernization projects. The Z motors are particularly suitable for project requiring double wrapping, high speed and large cabin capacity such as Hospital or High rise elevators. Combined with the UNIDRIVE SP AC drive and its dedicated elevator software, Leroy-Somer offers a global solution for each application.

## ► Gearless Motors

- Z Range : External rotor PM motors
- roping 1:1 or 2:1
- applications up to 5000 kg and 5 m/s in roping 2:1
- single or double wrapping

## ► Mechanical Options

- bedplate with deflection sheave
- damping pads
- brake release levers

## ► Electronic Options

- CDF card : boost supply for DC brakes
- Licare card : remote emergency rescue system
- absolute Endat encoder

## ► Selection software

- motor and inverter selection
- traction calculations for better wrapping solutions
- rope & groove profile suggestions



Licare card



CDF card

