

# Smart loadSense motor

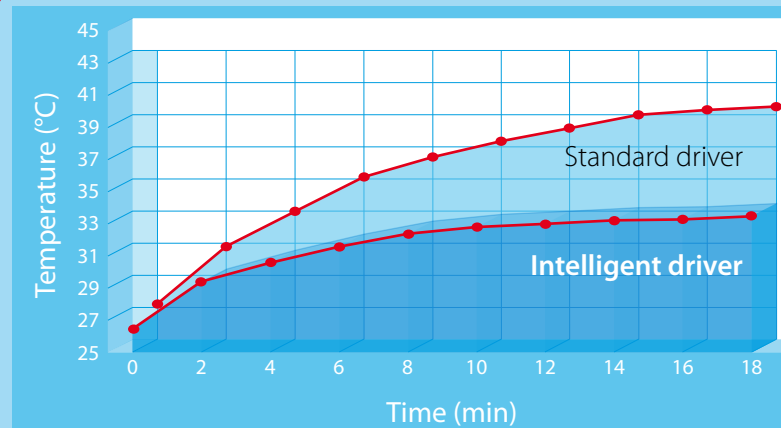


## Features

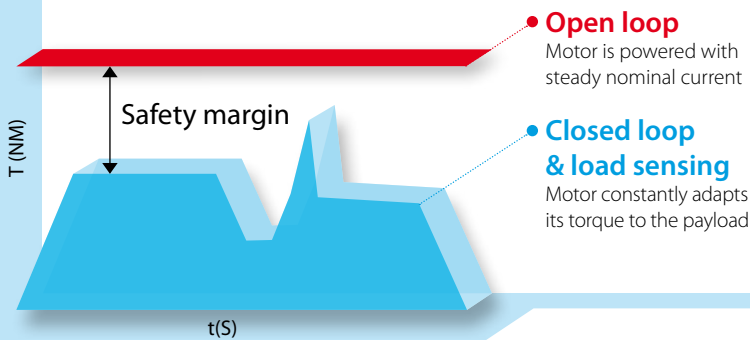
- Intelligent driver with Closed Loop Control and Load Sensing
- Low noise design
- Low temperature elevation due to permanent current regulation
- High efficiency
- High torque at low speed
- Suitable with any Sonceboz standard and rugged hybrid stepper motor Nema 17-23: 6540, 6600 and 8660 Series
- Wide range of possible communication interfaces like CAN, PWM, clock & direction, RS485, I<sup>2</sup>C

## Comparative temperature measurements

700(PPS), 280(mNm)



## Payload comparison



The intelligent electronics permanently adapts the phase current to meet the torque load

## Benefits

- Allow condition monitoring and predictive maintenance
- Analytic and information processing loop (feedback)
- Guaranteed with no step loss
- No gearbox: compact package size for an easier assembly
- Reduced electrical consumption
- All-in-one easy-to-use motion system
- Reliable and precise drive

Our core competencies consist of design, development and production of mechatronic drive systems and electric motors that operate in harsh environments. We are committed to improving safety, decreasing energy consumption and minimizing the impact on the environment. Our focus on innovation, best in class quality and exceptional service is our key to success for worldwide OEM customers and their suppliers.

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