Type: **JUSP-NS600**

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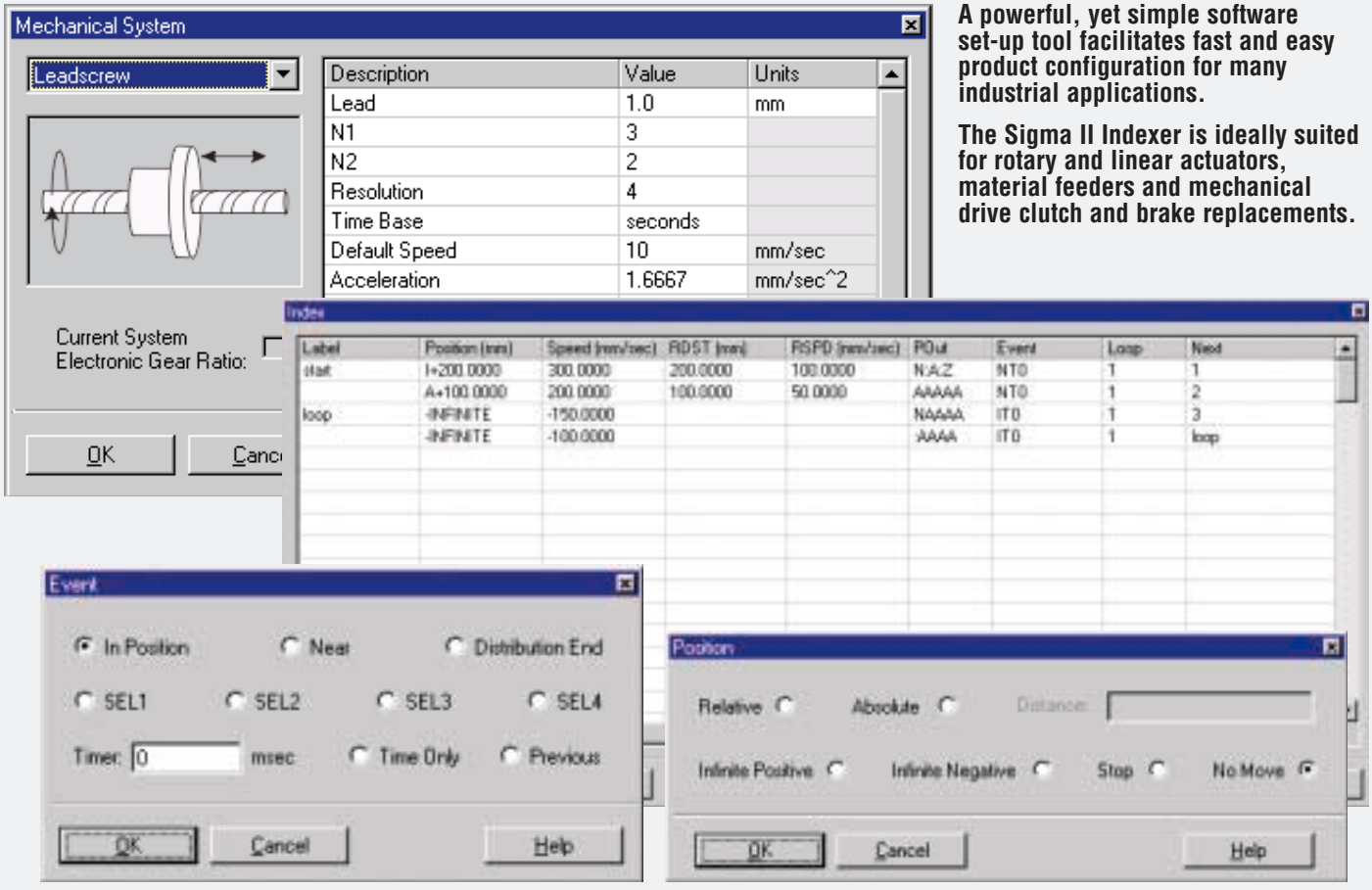
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Sigma II Indexer Application Module

The Sigma II Indexer expands the Sigma II Servo System functionality to include powerful point-to-point positioning with registration. The Indexer interfaces to a PLC or PC-based controller via discrete I/O or serial RS-232C/RS-422/RS-485 link. The I/O interface includes hardware overtravel and home limit switch inputs, and permits selection and execution of 32 motion and I/O commands. The 32 addressable commands are part of a memory table containing up to 128 commands. The commands in the table may be linked together for sequential execution, providing versatility desirable for many applications. The serial interface supports 16 indexers per link. The indexer interprets and executes motion commands received on its serial interface.

Both the serial and I/O interface facilitate the design of economical motion control solutions for many applications.





A powerful, yet simple software set-up tool facilitates fast and easy product configuration for many industrial applications.

The Sigma II Indexer is ideally suited for rotary and linear actuators, material feeders and mechanical drive clutch and brake replacements.

Sigma II Indexer Application Module

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Sigma II Indexer Specifications

Serial Command Mode	With registration and separate acceleration and deceleration setting
Serial Port Operating Modes	RS-232C/RS-422/RS-485
Stored Motion Program	Linked index table with 128 rows
• Accel ≠ Decel	Acceleration and deceleration defined in separate parameters
• Batch Count	99999
Dwell	Yes, with event processing, I/O signals, in position, etc.
• Registration	Standard
• Index Link	Standard
Inputs and Outputs	
• Digital Inputs	13 including amplifier and indexer option card, 24VDC
• Digitals Outputs	13 including amplifier and indexer option card, 24VDC
Motor Feedback Resolution/Standard	13-bit incremental encoder for motors below 800W
	17-bit incremental encoder for motors above 800W
Motor Feedback Resolution/Optional	16-bit absolute encoder for motors below 800W
	17-bit absolute encoder for motors above 800W
Amplifier Sizes	115VAC single-phase, 30W – 200W
	230VAC single-phase, 30W – 1.5kW
	230VAC three-phase, 500W – 15kW
	480VAC three-phase, 500 – 15kW
Global Safety Certifications	UL, cUL, CE, TÜV

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