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SYNCHRONOUS SERVOMOTORS

LSM



- ✓ Highest dynamics and precision
- ✓ Low torque ripple
- ✓ Compact design
- ✓ Specially designed for the product family „express“

PRECISION IS OUR WORLD...



LSM SYNCHRONOUS SERVOMOTORS

For exact controlled movements

The motors are characterized by low moment of inertia, compact design, high dynamics and high reliability. Due to the mechanical design, the motors have a very low torque ripple.

The motors are particularly suitable for applications in which dynamic positioning processes are required, coupled with smooth running and precision.

Options available:

- feedbacksystems: 1Vss
- retaining brake
- key groove
- various plug-in versions

Further options and design modifications of the motors according to customer requirements are available on request. LANG supports you with the configuration and selection of the right motors for your application.



LSM3 various plug-in versions and flange sizes

Application areas:

- Handling machines
- Machinery- and plant engineering
- Mechanical engineering
- Measurement and testing technology
- Microscopy
- Imaging systems
- AFM microscopy
- Waferinspection and waferhandling
- Test and analyzer systems
- Micro assembling
- Laboratory automation
- Medical technology
- Image processing
- Clean room applications



Technical Data

Motortype		LSM3-55-W1	LSM3-86-W1	LSM3-98-W1
Rated output	[W]	240	430	1230
Rated speed	[min ⁻¹]	3000	2500	2500
Rated torque	[Nm]	0,76	1,65	4,7
Peak torque	[Nm]	3,2	7,6	21