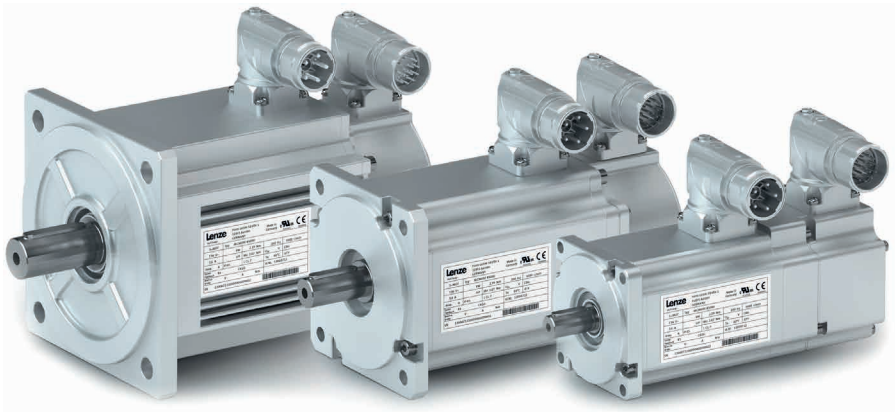


MCM

Synchronous servo motors

Medium dynamics in a compact design.



MCM – the compact synchronous servo motor for positioning, robotics, packaging technology and handling system applications. In conjunction with TopLine servo inverters i700, 9400 and 8400, the MCM provides high-performance drive solutions in the torque range of 5.3 to 233.7 in.-lbs. (0.6 to 26.4 Nm).

Highlights

- Compact size
- Easy to control due to favorable ratio between inertia of load and motor
- Optimized for smooth operation and precision workflow
- Suitable for use in the food industry thanks to a smooth housing surface
- Simplicity due to the robust resolver as standard and multi-turn sin/cos encoder for high precision
- Easy installation and servicing thanks to SpeedTec connector with rotatable connector boxes

MCM synchronous servo motor technology – An overview

Technical data

Self-ventilated

Size		06	09	12
Rated torque	M	5.3	11.5	21.2
	[lbs.-in.]	10.6	21.2	42.5 70.80
Rated current	I	0.9	1.1	1.8
	[A]	1.1	1.9	3.5 5.8
Rated speed	n	3000	3000	3000
	[rpm]	3000	3000	3000 3000

The modular system for your application

The MCM synchronous servo motors with a scalable modular system extend Lenze servo motors for applications in the medium dynamic range.

Optimized with the following attachments:

- Brake attachments with spring-applied brakes
- Feedback systems
 - Resolver
 - Absolute value encoder
- Self-cooled
- Plug-in connector
- Comprehensive range of system cables
 - Motor connection
 - Feedback connection

Other properties

Degree of protection	
EN 60529	IP54 (IP65 housing)
Approvals	
	EAC, CSA, cURus and UkrSepro
Temperature class	
IEC / EN 60034-1 utilization	F
IEC / EN 60034-1 insulation system	F
Climatic conditions	
Storage temperature	-4 to 140 °F (-20 to 60 °C)
Operating temperature	5 to 104 °F (-15 to 40 °C)