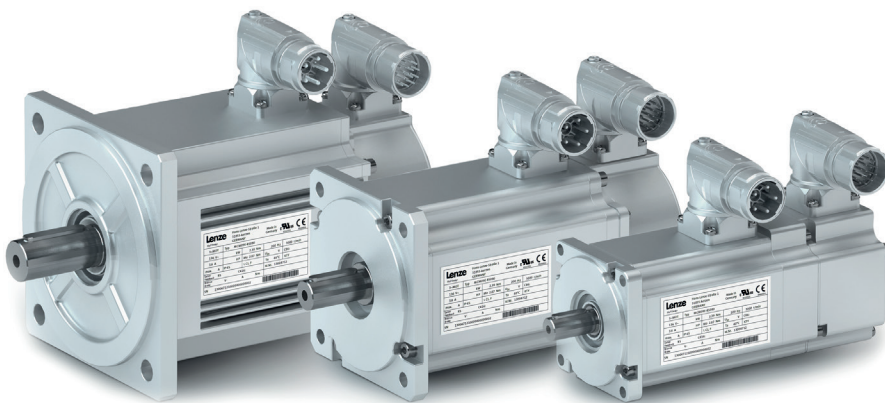


# Medium dynamics in a compact design.



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

## Highlights

- Compact size
- Easy to control due to favourable ratio between inertia of load and motor
- Optimum smooth running characteristics for precise work outcomes
- Suitable for use in the food industry thanks to a smooth housing surface
- Simplicity due to 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 [Nm]	0,6	1,3	2,4
		1,2	2,4	4,8 8,0
Rated current	I [A]	0,9	1,1	1,8
		1,1	1,9	3,5 5,8
Rated speed	n [rpm]	3000	3000	3000
		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.

Optimised 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

<b>Degree of protection</b>	
EN 60529	IP54 (IP65 housing)
<b>Approvals</b>	
	EAC, CSA, cURus and UkrSepro
<b>Temperature class</b>	
IEC / EN 60034-1 utilisation	F
IEC / EN 60034-1 insulation system	F
<b>Climatic conditions</b>	
Storage temperature	-20 ... 60 °C
Operating temperature	-15 ... 40 °C