

Gear Motor

MTM4-LF

MTM4-LF is a hollow shaft gear motor. It can be used with DKC3 control box, DKS2 built-in spindle and DKP3 / DKP4 control panel, as a smooth and quiet solution for electric lifting table.



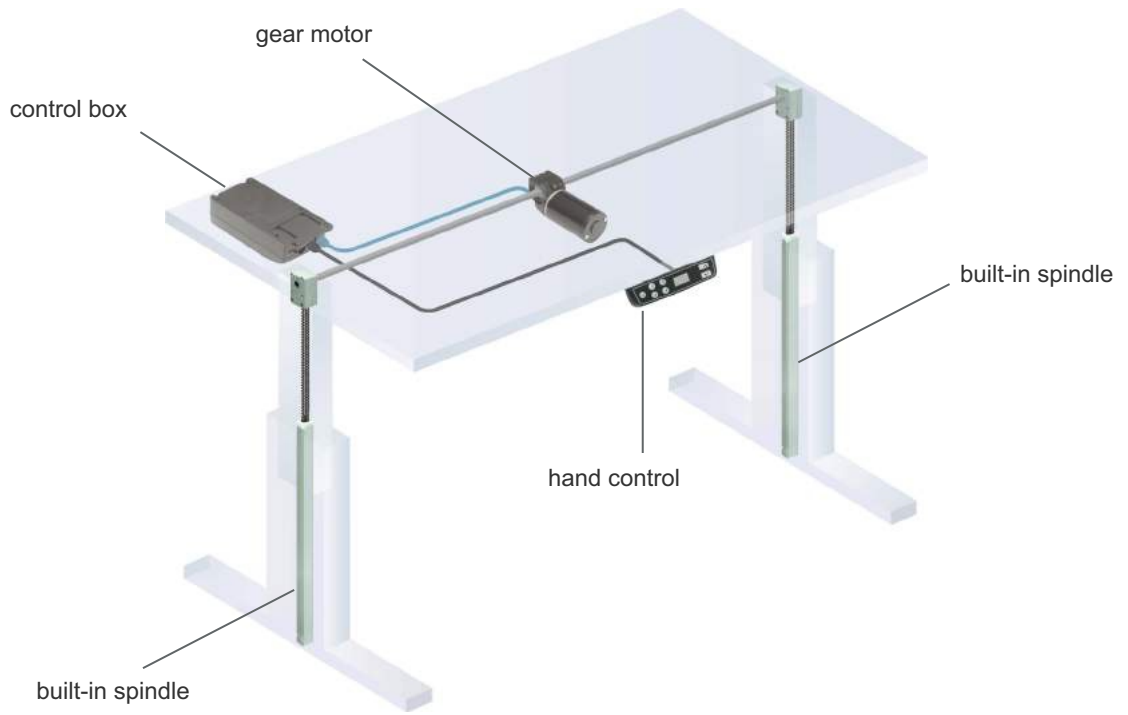
Feature

- Main applications: Furniture
- Input voltage: 24V DC
- Max. speed at no load: 110rpm after gear reduction
- Max. torque: 7Nm
- Dual Hall sensors positioning feedback
- Hollow shaft: Hexagon 6 mm diameter
- Noise level: ≤ 53 dB
- IP Protection level: IP30
- Color: Black
- Power cord length: 1000 mm
- Duty cycle: 10%, max. 2 min. continuous operation in 20 min.
- Ambient operation temperature: 0°C ~ +45°C
- Certified: CE marking, EMC Directive 2014/30/EU

Option

- Standard motor / High speed motor

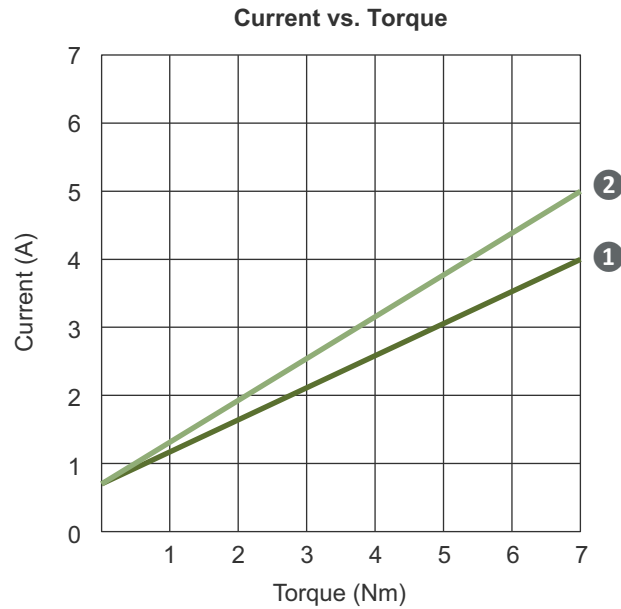
Application example:



Performance Data

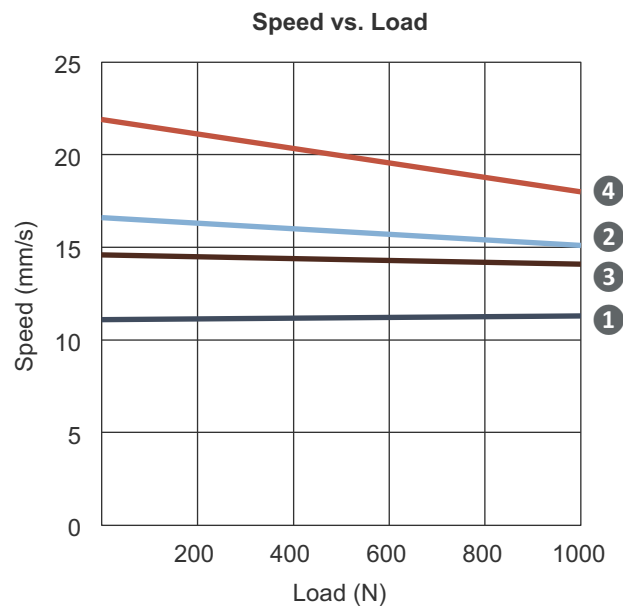
MTM4-LF (gear motor)

No.	Model No.	Drive torque Max. (Nm)	Typical Speed (rpm)	Typical Current (A) @ 24V		Dual Hall effect sensors resolution (ms)
			No load	No load	Full load	No load
①	MTM4-LF-24-A01-X-X	7	83	0.7	4	21~26
②	MTM4-LF-24-F02-X-X	7	110	0.7	5	16~20

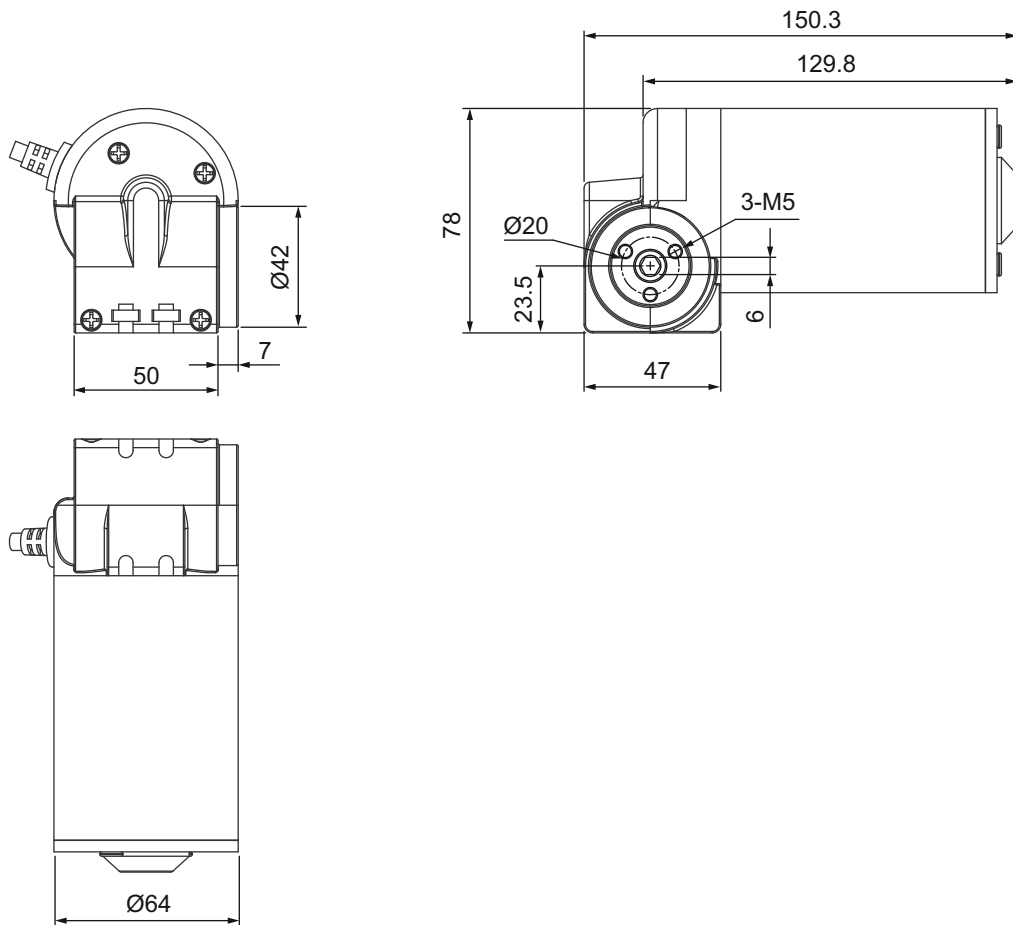


MTM4-LF (gear motor) + built-in spindle + control box combination of a lifting table.

No.	Model No.	Spindle lead (mm)	Max. load (kg)	Lifting Speed (mm/s)	
				No load	Full load
①	MTM4-LF-24-A01-X-X	8	100	11.1	11.3
②	MTM4-LF-24-A01-X-X	12	100	16.6	15.1
③	MTM4-LF-24-F02-X-X	8	100	14.6	14.1
④	MTM4-LF-24-F02-X-X	12	100	21.9	18.0

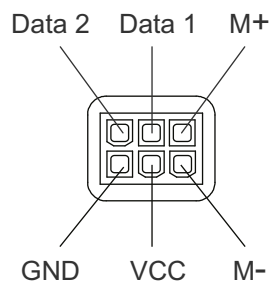


Dimensions



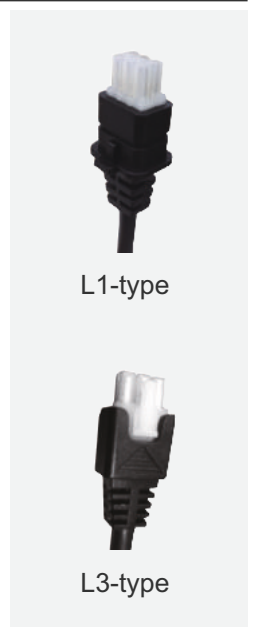
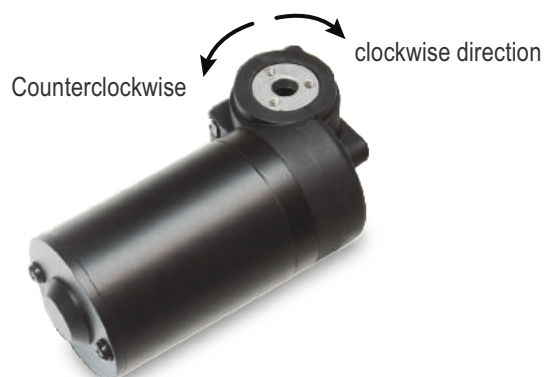
Cable Plug

L1-type or L3-type minifit plug



Note:

Connect Pin (M+) to "+" & Pin (M-) to "-" of DC power, the motor will turn counterclockwise.



Ordering Key

MTM4-LF - 24 - A01 - 1 - 1

Input voltage	24: 24V DC
Motor type	A01: Standard motor (2500 rpm) F02: High speed motor (3300 rpm) (Refer to Performance Data)
Power cord length	1: 1000 mm straight
Cable plug	1: L1-type minifit 6-pin, 180° plug 2: L3-type minifit 6-pin, 180° plug (Refer to Dimensions)

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