

# MovingCap shortTRACK

- Precision in Motion: Unleash efficiency and maximize your performance.

MovingCap shortTRACK, our direct linear drive for applications in production-, series- and special-purpose machines. Its compact design, high accuracy, dynamics and lifespan are complemented by easy commissioning.



## Linear directdrive MovingCap shortTRACK

with integrated control electronics and encoder system

### The facts:

- Integrated absolute measurement system
- Integrated motor controller
- Ironless linear motor
- TCP/IP (optional) CANopen Interface
- Programming functionality
- Integrated commissioning interface
- Digital inputs for easy I/O control
- Digital outputs for easy I/O control
- Different operating modes according to Cia DS402
- LED status display according to Cia DS303
- Built in a sturdy metal housing
- Connector terminals in M12 sealed industrial standard
- Python command interpreter for customer specific application and motion profiles
- Rear or side cable outlets

### shortTRACK base model:

**shortTRACK 046** - Stroke 46mm - Force 9N (max. 28N) – Speed up to 1800 mm/s

## Technische Daten:

## MovingCap shortTRACK 046

Rated voltage (motor)	Vdc	24 - 48
Rated voltage (logic)	Vdc	24
Nominal force	N	9
Peak force	N	28
Rated current	A	2
Peak current	A	6
Encoder resolution	Inc	0,4 $\mu\text{m}$
Repeatability encoder	Inc	+/- 1,2 $\mu\text{m}$
Protection class	IP	40
Perm. ambient temperature	$^{\circ}\text{C}$	0...+40
Weight	kg	0,80

## Dimensions MovingCap shortTRACK 046:

Base variants shortTRACK 046:

