

MovingCap pushTRACK
Electric short stroke cylinder
compact, precise, powerful

MovingCap pushTRACK

- a short stroke electric cylinder that takes the air away

The MovingCap shortTRACK SM is the ideal solution for dynamic and precise motion sequences in production, series, and special-purpose machines. Its compact design, combined with high accuracy, long service life, and easy commissioning, makes it the optimal choice for industrial applications.



TCP/IP
EtherCat

Short-stroke cylinder MovingCap pushTRACK
with integrated control electronics

The facts:

- Integrated absolute encoder measuring system
- Integrated motor controller
- EC motor drive
- TCP/IP or CANopen interface
- Programming functionality
- Integrated „onboard“ 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
- Construction in robust metal housing
- Plug connections in standardized M12 industry standard
- Python command interpreter for customer-specific application and motion profiles
- Easy service due to replaceable plunger
- Scalable mechanics
- Optional EtherCAT with external control electronics

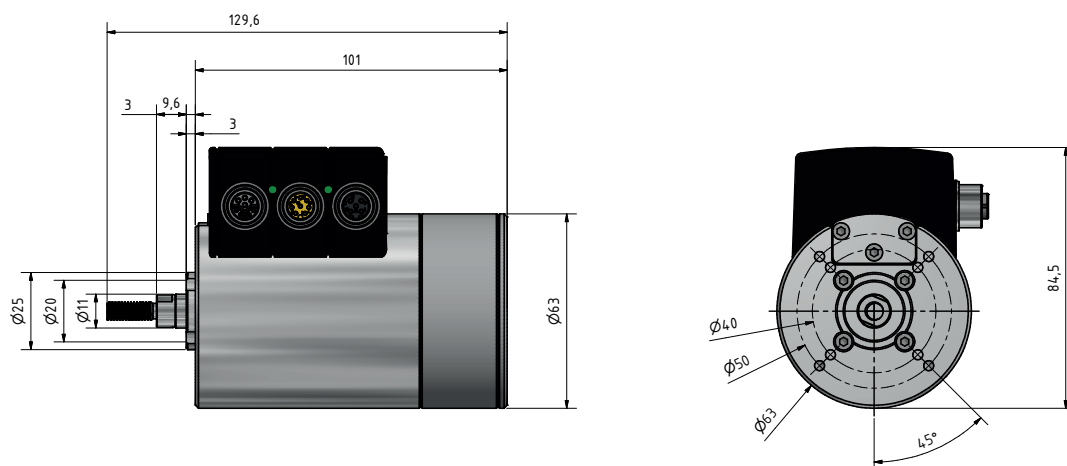
Typ	Stroke	Force	Speed
pushTRACK 45S100	45mm	125N (max.300N)	500mm/s
pushTRACK 45S150	45mm	83N (max.200N)	750mm/s
pushTRACK 45S240	45mm	52N (max.125N)	1.200mm/s
pushTRACK L variants			
pushTRACK 80S100	80mm	125N (max.300N)	500mm/s
pushTRACK 80S150	80mm	83N (max.200N)	750mm/s
pushTRACK 80S240	80mm	52N (max.125N)	1.200mm/s
pushTRACK 115S100	115mm	125N (max.300N)	500mm/s
pushTRACK 115S150	115mm	83N (max.200N)	750mm/s
pushTRACK 115S240	115mm	- Kraft 52N (max.125N)	1.200mm/s
pushTRACK base variants (trapezoidal thread)			
pushTRACK45T020	45mm	625N (max. 750N)	50mm/s
pushTRACK45T040	45mm	313N (max. 750N)	100mm/s
pushTRACK L variants (trapezoidal thread)			
pushTRACK85T020	85mm	625N (max. 750N)	50mm/s
pushTRACK85T040	85mm	313N (max. 750N)	100mm/s
pushTRACK115T020	115mm	625N (max. 750N)	50mm/s
pushTRACK115T040	115mm	313N (max. 750N)	100mm/s

Motor Data:

Typ		MovingCap pushTRACK
Rated voltage (motor):	Vdc	24 - 48
Rated voltage (logic)	Vdc	24
Nominal force	N	625 / 313 / 125 / 83 / 52
Top power	N	750 / 300 / 200 / 125
Rated current	A	5
Peak current	A	12
Encoder resolution	Inc	4096
Repeatability encoder	Inc	+/- 2
Protection class	IP	54
Perm. ambient temperature	°C	0...+40

Dimensions MovingCap pushTRACK:

Basic variant pushTRACK45





Fullmo GmbH
Robert-Bosch-Straße 5
88677 Markdorf

Tel. +49 7544 30 73 39-0
Fax +49 7544 30 73 39-9

Mail info@fullmo.de
Web www.fullmo.de