



**WITTENSTEIN**

cyber motor

## cyber<sup>®</sup> dynamic line linear actuators

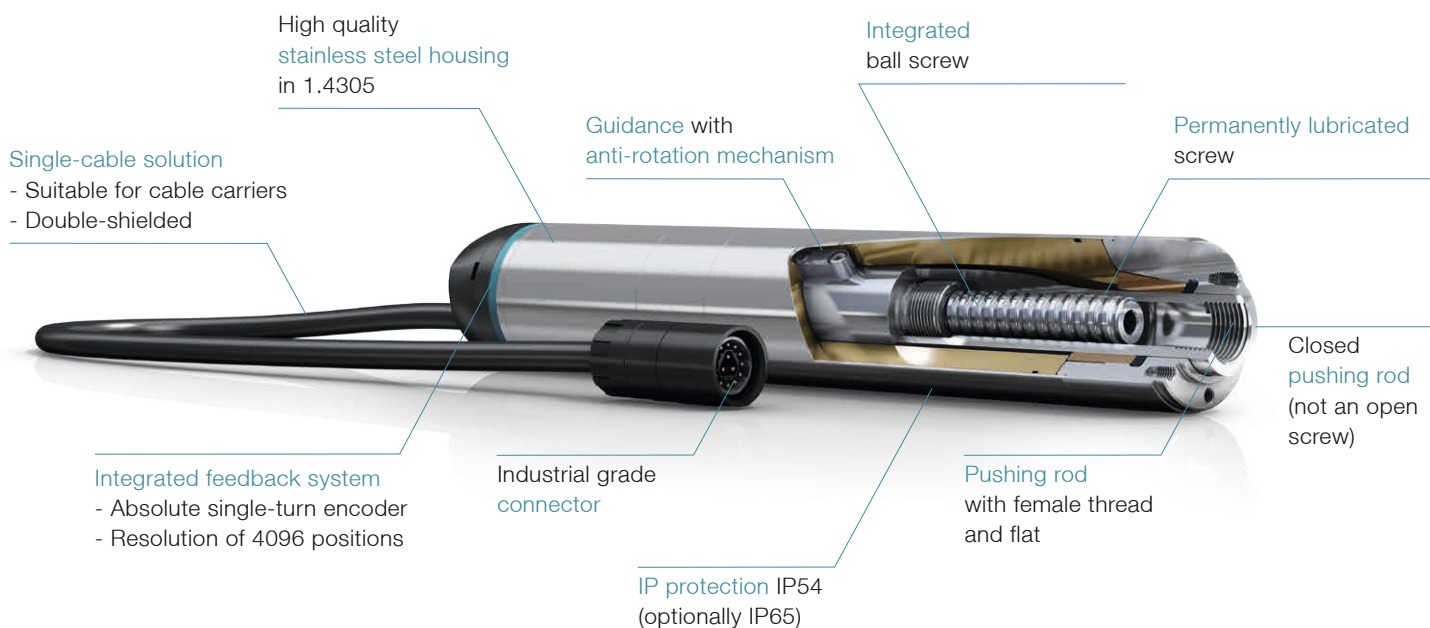
dynamic  
high-torque  
efficient



# Linear actuators

## cyber<sup>®</sup> dynamic line with ball screw

	Unit	cyber d17		cyber d22		cyber d32		cyber d40	
Diameter	mm	17		22		32		40	
Screw pitch	mm	1	3	1	6	2	8	3	10
Stroke	mm	30	120	35	140	40	160	50	200
Actuator length	mm	140	210	164	249	199	309	239	389
DC bus voltage	V <sub>dc</sub>	48							



### Compact

Fully integrated unit consisting of a servo motor, screw drive, anti-rotation mechanism and encoder system.

### Industrial grade

Industrial design with a closed pushing rod, built-in absolute encoder and single-cable solution suitable for cable carriers.

### Dynamic

Ideal for highly dynamic applications with short cycle times thanks to the minimal mass inertia.

### Efficient

Energy efficient and maintenance free alternative to pneumatic cylinders.

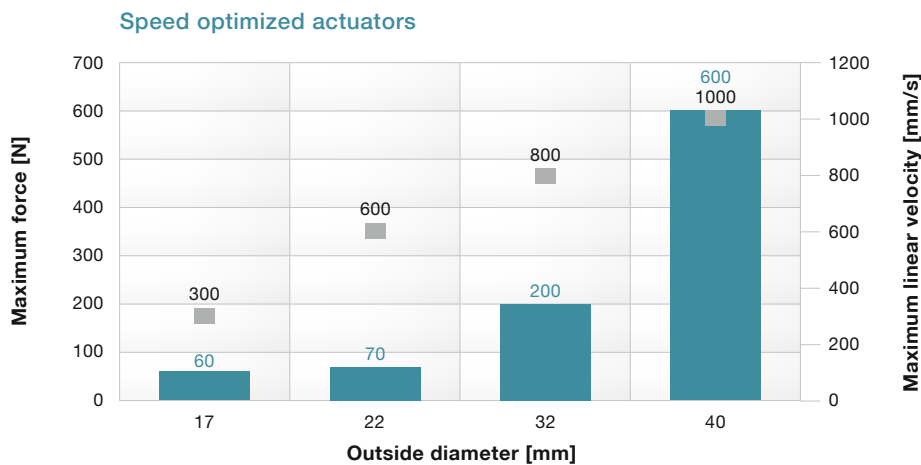
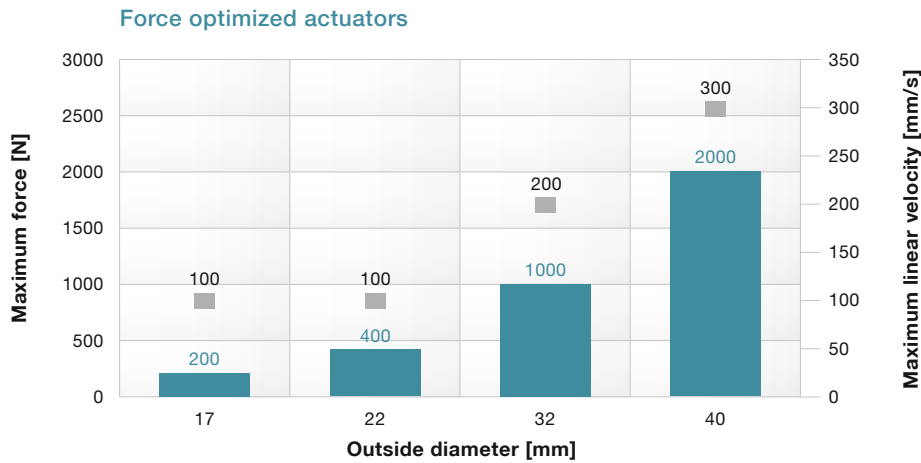
### Precise

Precise, reproducible and flexible position control due to the use of servo technology.

### Connected

Easy connection to the automation system due to real-time capable fieldbus interfaces in combination with a simco<sup>®</sup> drive servo controller.

# Excellent Solutions for complex motion tasks



## Your Application

Customized design of the actuator for your duty cycle to find the ideal balance between force, speed and service life.

■ = Maximum force  
■ = Maximum velocity

## Applications



### Positioning

Highly precise and dynamic linear actuators for reliable positioning of components.



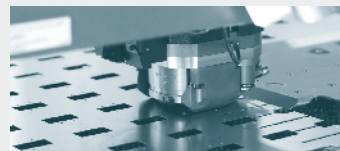
### Handling and Gripping

Servo electric handling axes and grippers with high power density for sophisticated applications.



### Adhering and Dispensing

Low maintenance and weight optimized linear actuators with the highest reliability for adhering and dispensing systems.



### Forming

Flexible, force monitored motion for ambitious bending and stamping tasks as well as other reshaping processes.

If you would like to learn more about the **cyber® dynamic line**, we invite you to get in touch with one of our highly qualified sales engineers: Phone +49 7931 493-15800



cyber motor

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