

Actuators with Belt Drive



- /// Stainless steel
- /// High speed
- /// High efficiency
- /// Compact and modular design
- /// Customized design

/// Technical specifications

Our actuator based on toothed belt drive is made of stainless steel and in a hygienic wash-down design which makes it ideal for the food, process, medical industry etc. Due to the ball screw, the linear speed can reach up to 1,250 mm/s at a very high efficiency.

The dynamic force is up to 15,000 N.

The optimum utilization of the actuator is achieved when using a servomotor making a very high acceleration, step motion and precise control of the movement possible. The actuator can also be supplied with an AC or DC motor.

Features:

- /// Stainless steel in hygienic wash-down design
- /// Easy and simple to incorporate
- /// Compact and modular design
- /// Very high-speed and smooth movements
- /// 25 mm ball screw spindle, pitch 5-25 mm
- /// Sturdy and reliable
- /// Repeatable
- /// Low backlash
- /// High efficiency
- /// AC, DC or servo motors
- /// Lubrication grease for the food industry on request
- /// Short delivery time
- /// Competitive prices
- /// Custom design

The actuator based on toothed belt drive has the following performance parameters:

- Dynamic force up to 15,000 [N]
- Linear speed up to 1,250 [mm/s]

These performance parameters make the actuator a very attractive alternative to movements carried out by pneumatic or hydraulic cylinders.

The design is characterized by its easy and sturdy structure and the modular design gives an extremely large flexibility as to choice of stroke length, mounting possibilities, connections, grease types including food grade grease.

If requested our actuator can be customized for specific needs.



Please visit our homepage on www.bj-gear.com where you can have detailed information on our complete product programme. You are of course also most welcome to contact our specialists on phone No. +45 87 40 80 80 in order to find the right solution for your application.



ATEX



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