



SERVOACTUATORS SA 0 IL

In-Line Design

Features

Electric linear servoactuator fitting Linearmech brushless servomotor, in-line design. Motor attachment with bell housing and torsionally rigid coupling for a better control and for an improved level of accuracy.

Fixing interface according to ISO 15552 standards

Squared outer profile 45 mm

Push rod diameter 20 mm

Ball screw (diameter x lead) 12 x Ph mm

Axial recirculation of the balls inside the nut

Integrated system for lubricant sealing inside the ball nut: the lubricant is only where needed.

Available upon request solutions with zero-backlash nuts or preloaded nuts, whirled ball screws with high accuracy grade (IT3 or IT5).

Discover all the advantages of Servomech solutions for ball screws and nuts with axial recirculation of the balls for **high accuracy and performances**.

Servoactuator including Linearmech brushless servomotor model type **BM45 L**

Available in "Linear Servo System" complete package, consisting of: linear actuator + brushless servomotor + drive ECO Series

Discover all the advantages of the Linearmech brushless servomotors BM Series and Linearmech drive ECO Series, engineered with integrated mechatronic functions specific for linear performances in the Automation Industry.

Compact and robust design, lightweight technology to reach great resistance and high performances with low inertia of the components.

Construction technology:



High Dynamic Efficiency Technology



Stiffness for Motion Technology



Accuracy and Repeatability Management System



Extended Service Life Technology

Discover all the advantages of Linearmech construction technology.

Accessories and options

- Electric limit switches
- Wide choice of mounting attachments according to ISO 15552 standards

Other products you may like:

SA 0 (Actuator input shaft version, to fit customer servomotor)

SA 0 PD ("Parallel Design" Servoactuator with brushless servomotor)

Other products from the Series:

SA IL Series (0 N), **SA 0 IL** (1140 N), **SA 1 IL** (1135 N), **SA 2 IL** (2255 N), **SA 3 IL** (4450 N), **SA 4 IL** (9400 N),