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*electromechanical actuators*

The right alternative  
to pneumatic  
and hydraulic  
cylinders



GOOD REASONS TO  
GO ELECTRIC





## GOOD REASONS TO GO ELECTRIC



### **MORE EFFICIENCY**

- Improve efficiency and performances
- Increase your productivity



### **EVERYTHING UNDER CONTROL**

- Positioning accuracy and repeatability
- Centrally-managed production process



### **ADD VALUE TO YOUR PRODUCT**

- Keep competitors away with our innovation and technology



### **EASY, CLEAN AND SAFE**

- No risk of pollution by oil leakage
- Greater cleanliness, safety and ease of connection



### **SAVE MONEY, ENERGY, TIME**

- Competitive solution, native integration of SERVOMECH components
- Energy consumption during operation only
- Easier and faster connection



The alternative to hydraulic cylinders

Die Alternative zu Hydraulikzylindern



The alternative to pneumatic cylinders

Die Alternative zu Pneumatikzylindern

**LINEAR ACTUATORS**

Acme and ball screw drive  
Standard IEC motor flange, AC or DC motors  
Load capacity from 300 N to 350 kN  
Linear speed from 1 mm/s to 875 mm/s

**LINEARANTRIEBE**

Trapez- und Kugelumlaufspindeln  
Standard IEC Motorflansch  
AC oder DC Motoren  
Hubkraft von 300 N bis zu 350 kN  
Hubgeschwindigkeit von 1 mm/s bis zu 875 mm/s



**BALL SCREWS AND NUTS**

100% Made in Italy by Servomech  
Accuracy grade IT3 and IT5, rolled ball screw IT7  
Diameter from 12 mm to 120 mm  
Standard DIN 69051 or customized execution available

**KUGELUMLAUFSPINDELN - UND MUTTERN**

100% Made in Italy von Servomech  
Toleranzklasse IT3 und IT5  
Gerollte Kugelumlaufspindel Toleranzklasse IT7  
Durchmesser von 12 mm bis zu 120 mm  
Standard DIN 69051 oder Kundenausführungen lieferbar



**LINEAR SERVO ACTUATORS**

In-Line Design or Parallel Design  
fitting Linearmech brushless servomotors and drives  
Load capacity up to 42 kN  
Linear speed up to 1,5 m/s

**SERVO-LINEARANTRIEBE**

In-Line Design oder Parallel Design  
mit Linearmech brushless Servomotoren und Steuerungen  
Hubkraft bis zu 42 kN  
Hubgeschwindigkeit bis zu 1,5 m/s



**BALL SCREW JACKS**

Servomech Patented Design  
Engineered new technology and design  
for higher efficiency and performances  
Positioning accuracy, high stiffness and reliability  
Load capacity from 5 kN to 350 kN  
Linear speed up to 2 m/s

**KUGELGEWINDE HUBGETRIEBE**

mit Servomech Patent-Design  
Neue Technologie und Design  
für einen höheren Wirkungsgrad und Spitzenleistungen  
Positioniergenauigkeit, hohe Steifigkeit und Zuverlässigkeit  
Hubkraft von 5 kN bis zu 350 kN  
Hubgeschwindigkeit bis zu 2 m/s



**LINEAR ACTUATORS**

In-Line Design or Trunnion Mounting Design  
Acme and ball screw drive  
Load capacity from 15 kN to 200 kN

**LINEARANTRIEBE**

In-Line Design oder mit Schwenkzapfen  
mit Trapez- und Kugelumlaufspindel  
Hubkraft von 15 kN bis zu 200 kN



**ACME SCREW JACKS**

Load capacity from 5 kN to 1.000 kN  
Acme screw diameter from 18 mm to 160 mm

**TRAPEZSPINDEL-HUBGETRIEBE**

Hubkraft von 5 kN bis zu 1.000 kN  
Trapezspindel-Durchmesser  
von 18 mm bis zu 160 mm

