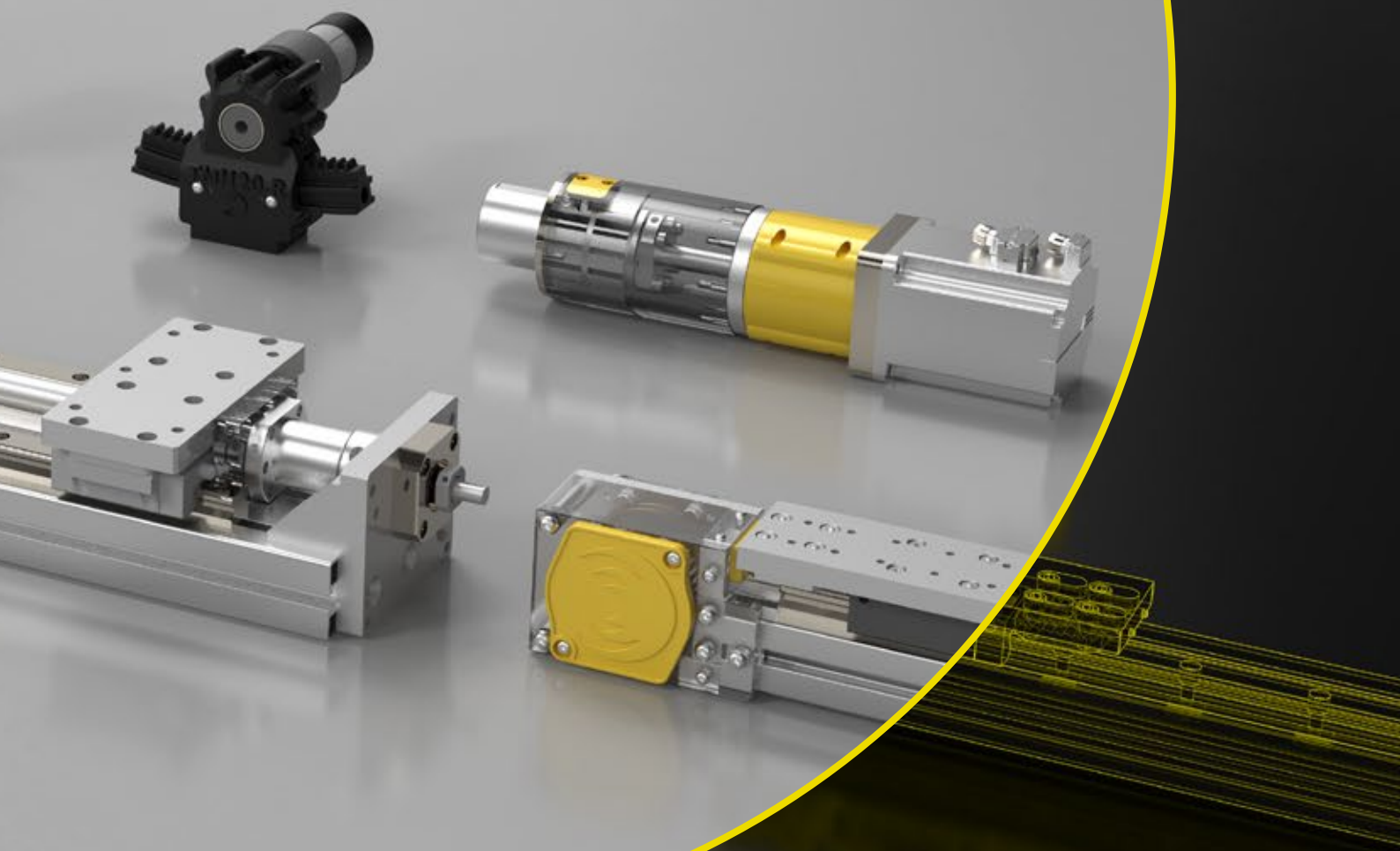




## SibLinear

SibWay • SibRobot • TMH



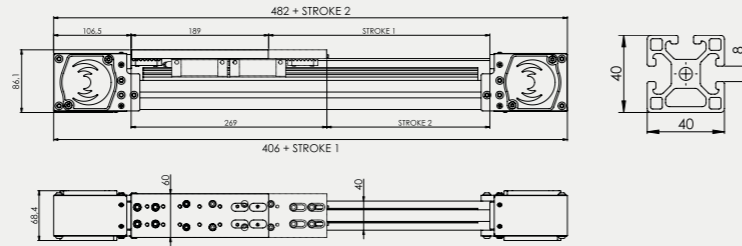
MODEL

DIMENSIONS (mm)

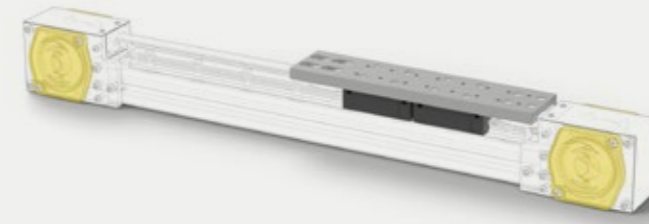
VERSIONS

TECHNICAL SPECIFICATIONS

SibWay-B000



SibWay-B001



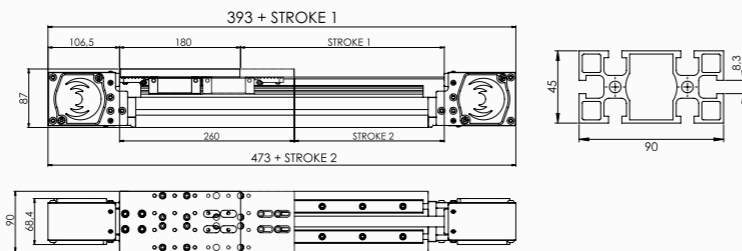
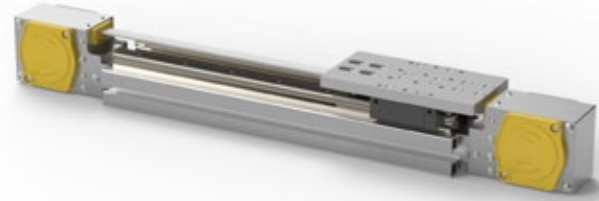
1 guide - 2 Linear rail guides

Toothed belt

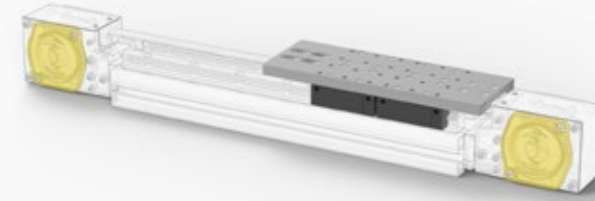
WIDTH 16 mm  
826 N

-  
 $V_{max} = 2m/s$   
 $A_{max} = 10m/s^2$   
Repeatability =  $\pm 0,05mm$

SibWay-C000



SibWay-C001



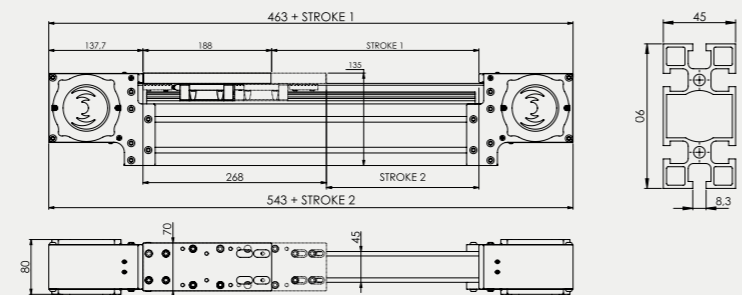
2 guides - 4 Linear rail guides

Toothed belt

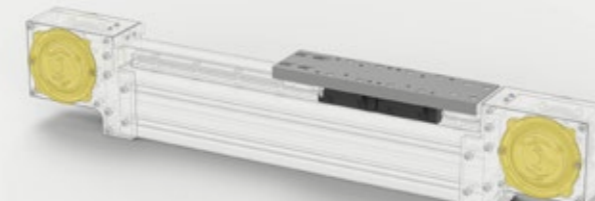
WIDTH 16 mm  
826 N

-  
 $V_{max} = 2m/s$   
 $A_{max} = 10m/s^2$   
Repeatability =  $\pm 0,05mm$

SibWay-C020



SibWay-C021

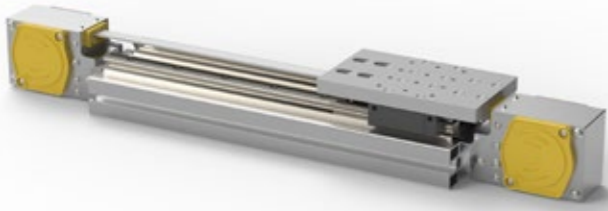
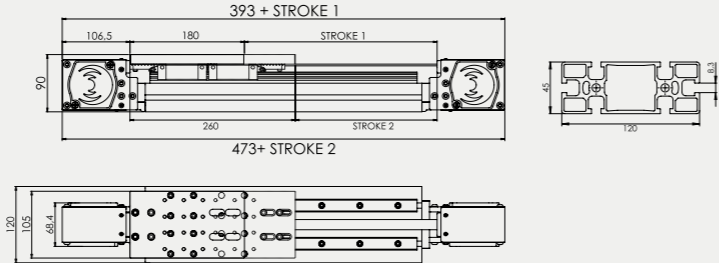
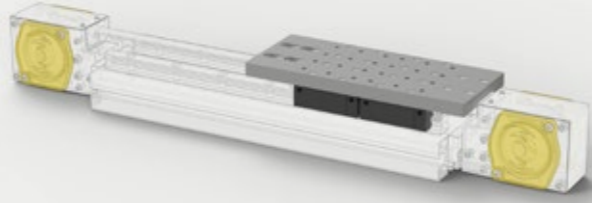
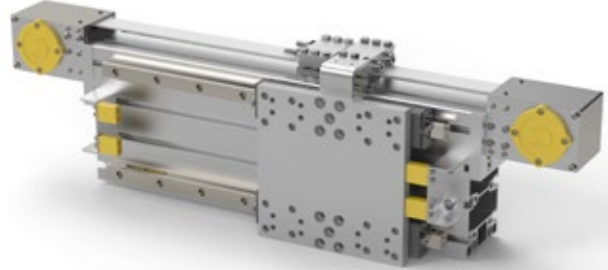
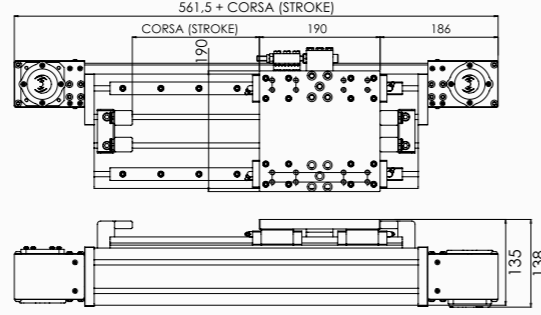
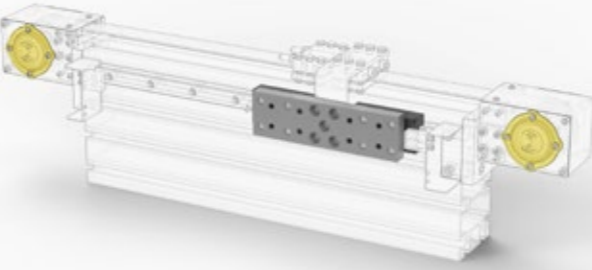

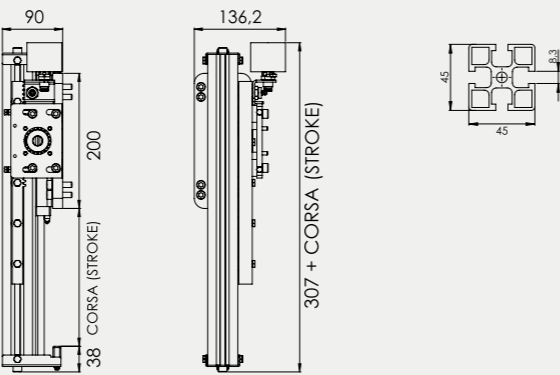

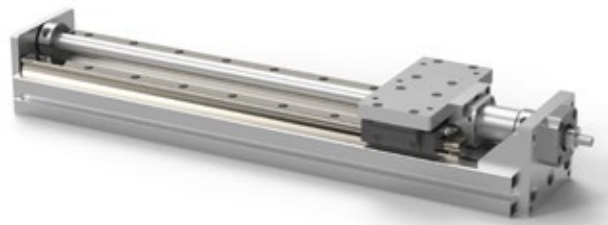
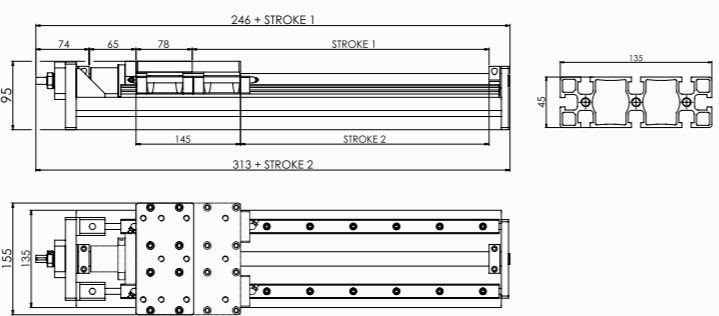
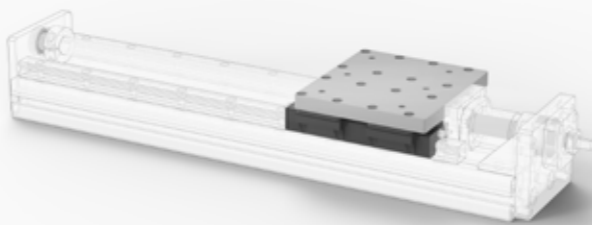


2 guides - 4 Linear rail guides

Toothed belt

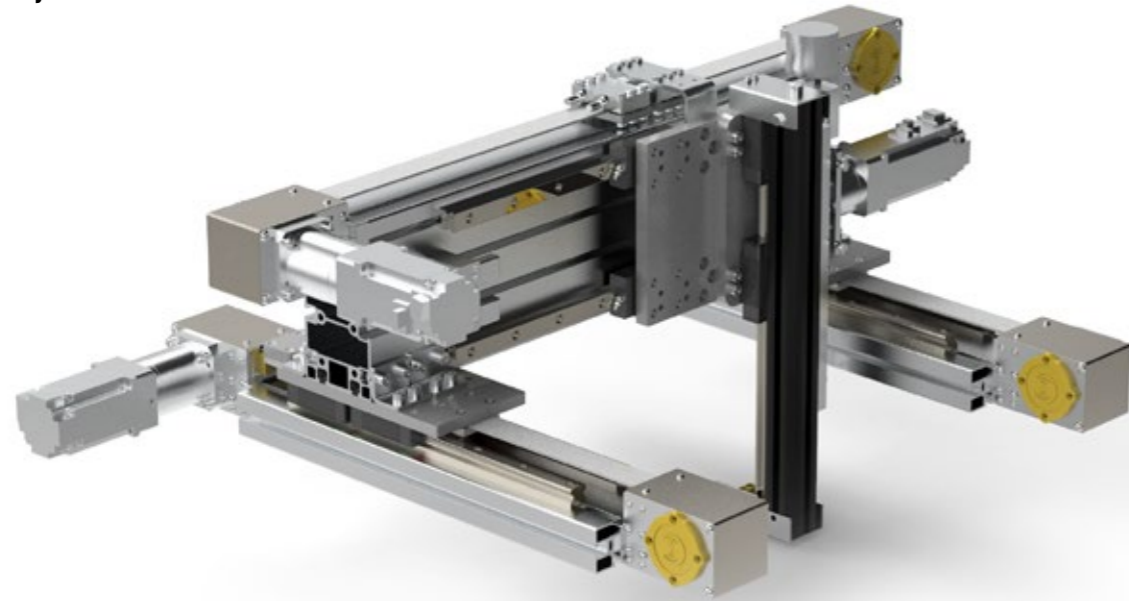
WIDTH 32 mm  
826 - 1651 N

-  
 $V_{max} = 2m/s$   
 $A_{max} = 10m/s^2$   
Repeatability =  $\pm 0,05mm$

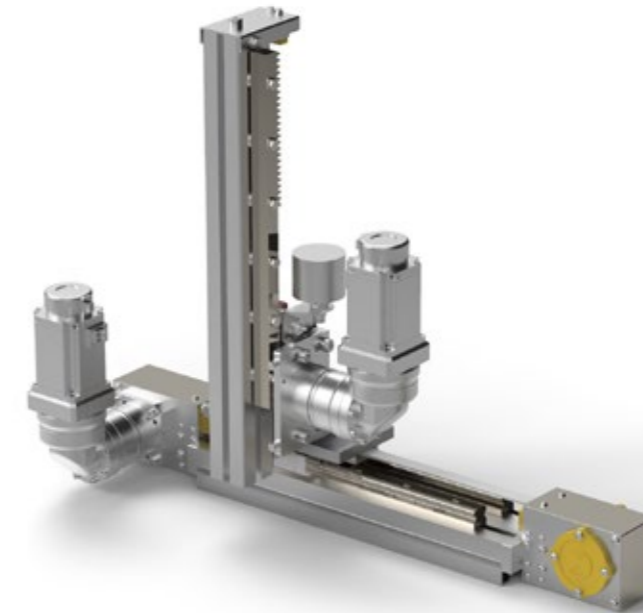
| MODEL  | DIMENSIONS (mm)  | VERSIONS   | TECHNICAL SPECIFICATIONS   |
|--|--|--|--|
| <p>SibWay-D000</p>    |    | <p>SibWay-D001</p>  <p>2 guide - 4 Linear rail guides</p>   | <p><b>Toothed belt</b></p> <p>WIDTH 32 mm<br/>1651 N</p> <p>-</p> <p><math>V_{max} = 2\text{m/s}</math><br/><math>A_{max} = 10\text{m/s}^2</math><br/>Repeatability = <math>\pm 0,05\text{mm}</math></p>             |
| <p>SibWay-E000</p>   |   | <p>SibWay-E001</p>  <p>1 guide - 2 Linear rail guides</p>  | <p><b>Toothed belt</b></p> <p>WIDTH 32 - 50 mm<br/>1651 - 2500 N</p> <p>-</p> <p><math>V_{max} = 2\text{m/s}</math><br/><math>A_{max} = 10\text{m/s}^2</math><br/>Repeatability = <math>\pm 0,05\text{mm}</math></p> |
| <p>SibWay-Z000</p>  |  | <p>SibWay-Z020</p>  <p>2 guide - 4 Linear rail guides</p> | <p><b>Rack and Pinion M2</b></p> <p>Contact technical offices<br/>for other informations</p>   |
| <p>SibWay-R000</p>  |  | <p>SibWay-R001</p>  <p>2 guide - 4 Linear rail guides</p> | <p><b>Ball screw</b><br/>D20 P10-5</p> <p>Contact technical offices<br/>for other informations</p>   |

SOLUTIONS & CONFIGURATIONS

Multi-axis System



Multi-axis System



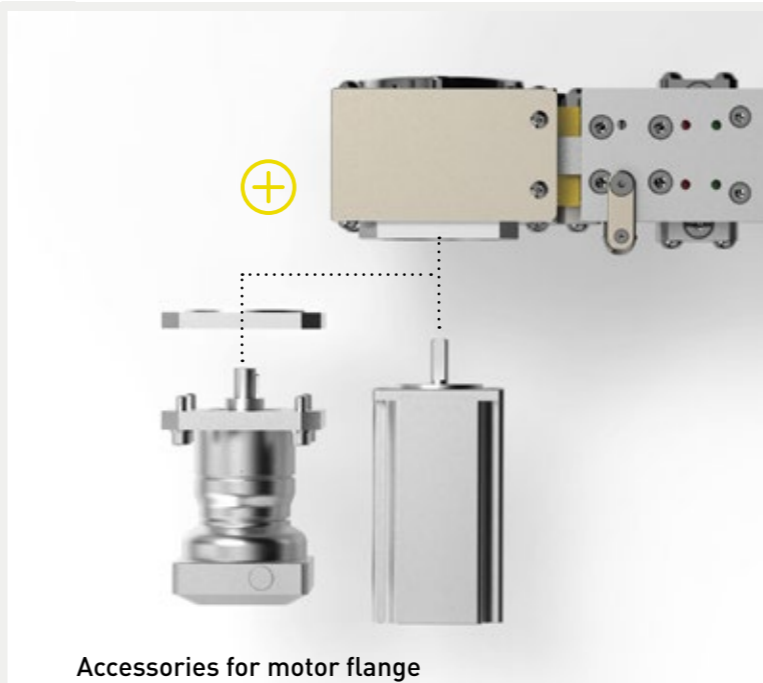
Double frontal carriage \_SibWay E011



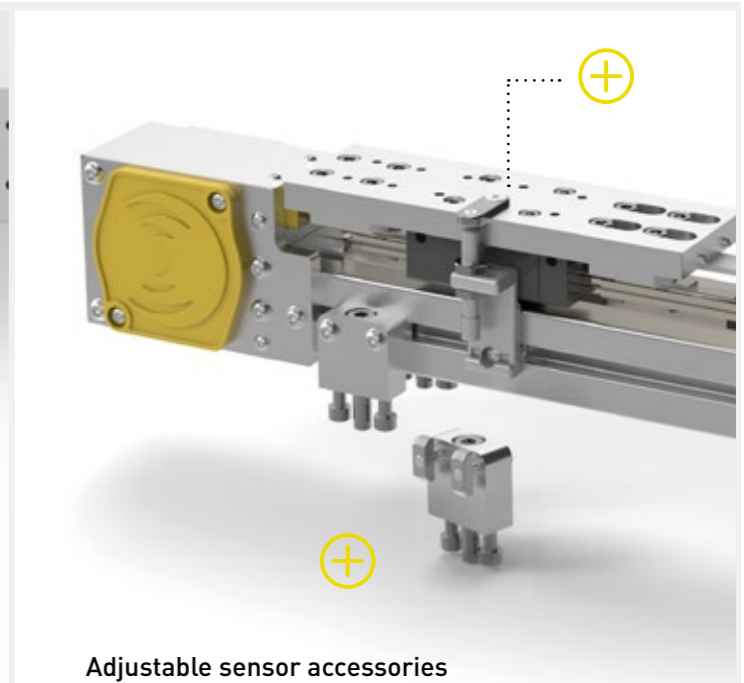
Double frontal carriage \_SibWay E002



Opposing carriage\_SibWay E021



Accessories for motor flange



Adjustable sensor accessories

Application



MULTI-AXIS SYSTEM



PICK AND PLACE



FEEDING PRESS, ROBOTIC SYSTEMS AND TRANSFER



RECIPROCATOR



POSITIONING SYSTEMS

All models can be assembled in 2/3 axis systems to create different configurations

Accessories



FLANGE FOR MOTOR

Different flanges available for gearbox or motor coupling




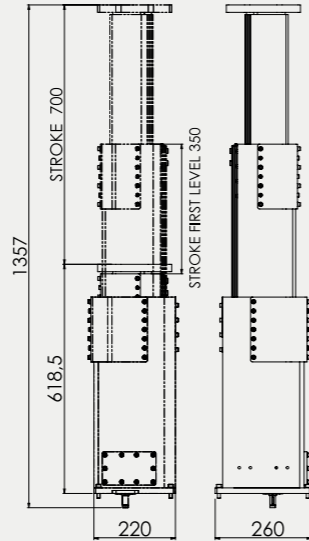
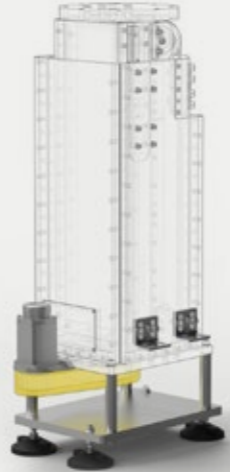

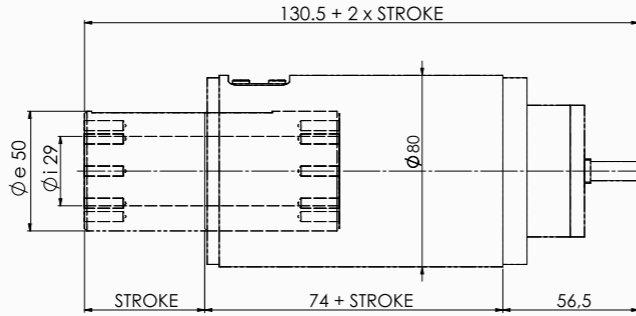
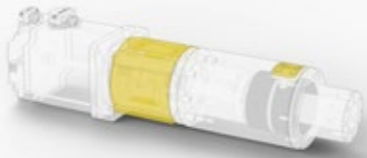

UNIVERSAL ADJUSTABLE FEET



MOUNTING BRACKET KIT FOR SENSORS





| MODEL   | DIMENSIONS (mm)  | VERSION  | TECHNICAL SPECIFICATIONS   |
|---|--|--|--|
| <p><b>SibRobot-7°V2</b></p>  <p>Used both as singular 7° vertical axis and in combination with anthropomorphic robots</p>                            |    | <p>SibRobot-7°V2 + accessories for motor and bracket</p>  <p>- Accesories for motor and bracket</p>   | <p><b>Ball screw</b><br/>D20 P10</p> <p>Contact technical offices for other informations</p> |
| <p><b>SibRobot-A50</b></p>  <p>Electric cylinder, in replacement of a plunger, to manage precision of movimento or to achieve complex cyclical</p> |  | <div style="display: flex; justify-content: space-around;"> <div data-bbox="1587 1008 1855 1039"> <p>SibRobot-A50 + cover</p>  <p>Cover</p> </div> <div data-bbox="2062 1008 2329 1039"> <p>SibRobot-A50 + motor</p>  <p>Accesories for motor flange</p> </div> </div> | <p><b>Ball screw</b><br/>D16 P5</p> <p>Contact technical offices for other informations</p>  |

| MODEL   |  |   |  |
|---|--|---|--|
| <p><b>TMH10</b></p>  <p>Attuatore versione compatta Guida - cremagliera in nylon</p> | <p><b>TMH10D</b></p>  <p>Attuatore versione Dual Doppia guida - cremagliera utilizzabile per sistemi autocentranti come pinze di presa</p> | <p><b>TMH20</b></p>  <p>Guida - cremagliera in alluminio e pattini regolabili per ridurre giochi e aumentare precisione. Realizzabile anche nella versione Dual.</p> | <p><b>TMH20R</b></p>  <p>Attuatore versione Radial Guida - cremagliera a settore curvo. Raggio standard 700mm Raggio e angolo del settore personalizzabili.</p> |

Realizzati per il 90% in stampa 3D FDM o MJF, la gamma di attuatori TMH è progettata per applicazione su macchine con cambi formato automatici o per movimentazione di oggetti da piccole a grandi dimensioni. Generalmente abbinati a motori CC o stepper, con o senza riduttore interposto, i TMH possono lavorare accoppiati tra loro per movimentare in parallelo elementi di maggior dimensioni, oppure essere integrati in sistemi a più assi.

Progettati e interamente costruiti da Sib Srl, possono essere personalizzati sia rispetto alla forma per agevolare il fissaggio; che rispetto alle guide a cremagliera per fissare qualsiasi end effector.

**Progettazione e Costruzione Meccanica**

Sib Srl Via Tregiorgio 1, 23846 Garbagnate Monastero (LC)  
www.sibsrl.it - info@sibsrl.it - tel.+39 031 5485053

