

## Project Planning Sheet Linear Modules and Linear Systems

Creator:

Company:

Projectname:

Contact person:

Date:

Timetable:

Quantity:

System  Components

Application:


Axis (X, Y, Z, rotary axis,...):	<input type="text"/>	<input type="text"/>	<input type="text"/>
Position (horizontal, vertical):	<input type="text"/>	<input type="text"/>	<input type="text"/>
Stroke in mm:	<input type="text"/>	<input type="text"/>	<input type="text"/>
Load capacity (without motor) in kg:	<input type="text"/>	<input type="text"/>	<input type="text"/>
Speed in m/s:	<input type="text"/>	<input type="text"/>	<input type="text"/>
Acceleration in m/s <sup>2</sup> :	<input type="text"/>	<input type="text"/>	<input type="text"/>
Cycle time in s:	<input type="text"/>	<input type="text"/>	<input type="text"/>
Number of cycles per hour:	<input type="text"/>	<input type="text"/>	<input type="text"/>
Additional force in N:	<input type="text"/>	<input type="text"/>	<input type="text"/>
Repeatability in mm:	<input type="text"/>	<input type="text"/>	<input type="text"/>
Positioning accuracy in mm:	<input type="text"/>	<input type="text"/>	<input type="text"/>
Preferred actuator <sup>1)</sup> :	<input type="text"/>	<input type="text"/>	<input type="text"/>

Description of a typical working cycle (traveling distance, acceleration times, break times, ...)  
(e.g. 500 mm in 0,5 s, stop for 1 s, 500 mm back in 0,5 s, stop for 2 s, ...)


Drive included?  yes  no

Control:  uncontrolled  Point to Poin  Path control / PVT

Existing drive, type:

Existing control-system, type:

Required interface<sup>2)</sup>:

Required interface of encoder<sup>3)</sup>:

External conditions<sup>4)</sup>:

Delivery of energy chain?

Notes:


<sup>1)</sup>Linear motor, Ballscrew, Belt

<sup>2)</sup>e.g. serial, 10 V analog, Profibus, CANopen, sercos

<sup>3)</sup>e.g. 1 Vpp, TTL, SSI, EnDat

<sup>4)</sup>e.g. Cleanroom, chips, dust, oil