

Application Sizing Worksheet

Contact details

Company _____
Address _____
Contact partner _____
Telephone _____
E-mail _____

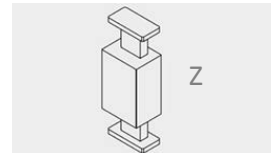
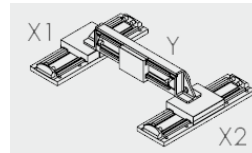
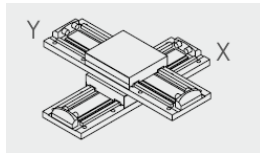
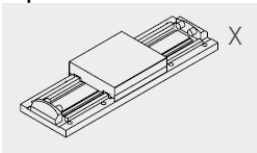
Demand

Forecast systems/year _____
Application _____
Quotation till _____
Quotation scaling _____
Budgeted costs/system _____

Drive type

Linear motor Ball screw Tooth belt Other _____

Set up



You are looking for a **torque motor**? Please write us an e-mail: office@kml-technology.com

	X1/ (X2)	Y	Z	
General				
Axis orientation (hor./vert.)	_____	_____	_____	
Working time per day	_____	_____	_____	[h]
Movement				
Total stroke length	_____	_____	_____	[mm]
Typical stroke	_____	_____	_____	[mm]
Move time	_____	_____	_____	[s]
Speed max.	_____	_____	_____	[m/s]
Speed min.	_____	_____	_____	[m/s]
Acceleration max.	_____	_____	_____	[m/s ²]
Deceleration max.	_____	_____	_____	[m/s ²]
Dwell time	_____	_____	_____	[s]
Precision				
Linear encoder (abs./incr.)	_____	_____	_____	
Output signal [1Vss, TTL...]	_____	_____	_____	
Repeatability	_____	_____	_____	[µm]
Positioning accuracy	_____	_____	_____	[µm]

	X1/ (X2)	Y	Z	
Loads				
Customer payload	_____	_____	_____	[kg]
Force in direction	_____	_____	_____	[N]
Force against direction	_____	_____	_____	[N]
Environment				
Ambient temperature	_____	_____	_____	[°C]
Covering	_____	_____	_____	[y/n]
Clean room class	_____	_____	_____	[ISO]
Servo drives				
Control	_____	_____	_____	
Power supply (1-/s-phase) [VAC/VDC]	_____	_____	_____	
Power & feedback cable				
Motor cable (cord set)	_____	_____	_____	[y/n]
Encoder cable (cord set)	_____	_____	_____	[y/n]
Energy chain	_____	_____	_____	[y/n]
Limit switch	_____	_____	_____	[y/n]

Notes/sketch/cycle descriptions*

*Example for a cycle description: x from 0 to 100 mm in 100 ms, then...