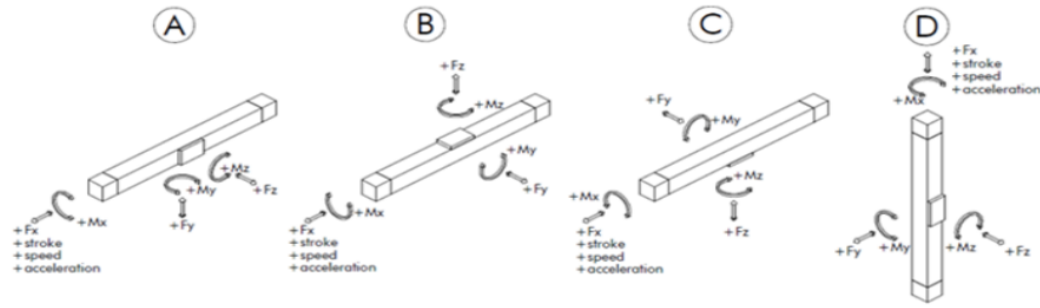


Company	
Compiled by	
Date	

Schema 1

Schema 2



Axis position	<input type="checkbox"/> A <input type="checkbox"/> C <input type="checkbox"/> D <input type="checkbox"/> B									
---------------	--	--	--	--	--	--	--	--	--	--

Phase nr.							Duty Cycle			
	1	2	3	4	5	6	7	8	9	10

Stroke in X (mm) +/- : according directions convention, see scheme 1

Time (s)

Mass to displace (kg) (i.e. gripper + part masses to move)

**EXTERNAL FORCE APPLICATION POSITION (MM)** + or - : according directions convention, see scheme 2

Xg										
Yg										
Zg										

**EXTERNAL FORCE (N) (I.E. CYLINDER/SRING FORCE TO CONTRAST)** + / - : according directions convention, see scheme 1

Fx										
Fy										
Fz										

**CENTER OF GRAVITY MASS TO DISPLACE POSITION (MM)** + or - : according directions convention, see scheme 2

Lx										
Ly										
Lz										

Usefull stroke requested (mm)

Dimension limits, if any

Axis must work "in position" mode (i.e. reaching a defined position, reacting against external forces), or "in torque" mode (i.e. pushing with controlled force against external obstacles in position not defined)?

**IT'S REQUIRED A FEED-BACK CHECK OF:**

Force (N) (brushless motor)	
Position (mm) (stepping with encoder or brushless)	
Worked hours per day (h/d)	

**ENVIRONMENTAL CONDITIONS**

Ambient temperature (°C)	
Use conditions presence of dust, chips, etc.	
"In-Line" or "Geared" motor? (where applicable)	
Motor mounting position (where applicable)	
Need for carriage braked with motor off	
Motor and driver other than standard Metal Work	

**ACCESSORIES**

cables tray chain	
cables length	
Main voltages availables	



ELEKTRO SHAK - SK - BK

Company

Compiled by

Date

The control will be made with:

- PLC with step-dir board and "Line Driver" signals
- PLC with step-dir board and "Open Collector" signals
- PLC with axis board for brushless
- There isn't a PLC

Short description of the application and notes: