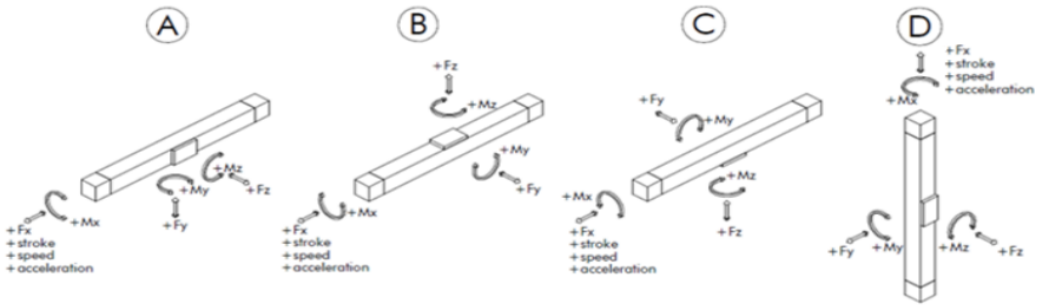
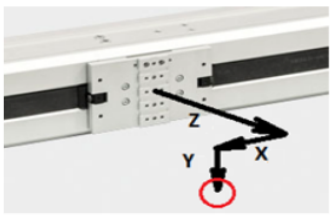
ELEKTRO SHAK - SK - BK	Company	
	Compiled by	
	Date	

Schema 1



Schema 2



Axis position	☐ A ☐ C ☐ D ☐ B

							Duty Cycle			
Phase nr.	**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/SPRING 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	
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:	