



Phase nr.	1	2	3	4	5	6	Duty Cycle			
	7	8	9	10						
Stroke mm +/- : according directions convention, see scheme 1										
Time (s)										
Mass to displace (kg) (i.e. gripper + part masses to move)										
<b>EXTERNAL FORCE APPLICATION POSITION (MM) + or - : according directions convention, see scheme 2</b>										
Xg										
Yg										
Zg										
<b>EXTERNAL FORCE (N) (I.E. CYLINDER/SPRING FORCE TO CONTRAST) + / - : according directions convention, see scheme 1</b>										
Fx										
Fy										
Fz										
<b>CENTER OF GRAVITY MASS TO DISPLACE POSITION (MM) + or - : according directions convention, see scheme 2</b>										
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)?										
Worked hours per day (h/d)										
<b>ENVIRONMENTAL CONDITIONS</b>										
Ambient temperature (°C)										
Use conditions presence of dust, chips, etc.										
Motor and driver other than standard Metal Work										
<b>ACCESSORIES</b>										
cables tray chain										
cables length										
Main voltages availables										
The control will be made with:	<input type="checkbox"/> PLC with step-dir board and "Line Driver" signals <input type="checkbox"/> PLC with step-dir board and "Open Collector" signals <input type="checkbox"/> PLC with axis board for brushless <input type="checkbox"/> There isn't a PLC									
Short description of the application and notes:										