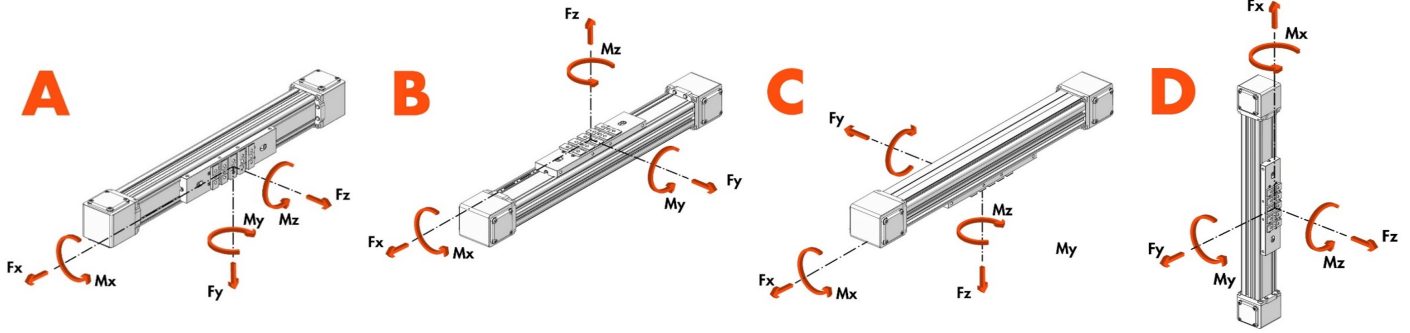


| | |
|-------------|--|
| Company | |
| Compiled by | |
| Date | |



Axis position A
 B
 C
 D

| Phase No. | | | | | | | 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) | | | | | | | | | | |
| Any space limitations | | | | | | | | | | |
| 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) | | | | | | | | | | |
| No. of hours/day worked (h/d) | | | | | | | | | | |
| ENVIRONMENTAL CONDITIONS | | | | | | | | | | |
| Temperature °C / Humidity | | | | | | | | | | |
| Severity of environment use presence of dust, processing chips, etc. | | | | | | | | | | |
| "In-Line" or "Geared" motor? (where applicable) | | | | | | | | | | |
| Motor mounting position (where applicable) | | | | | | | | | | |
| Need for carriage braked with motor off | | | | | | | | | | |
| Any motor and driver other than Metal Work standard | | | | | | | | | | |
| ACCESSORIES | | | | | | | | | | |
| cables tray chain | | | | | | | | | | |
| Motor cable length | | | | | | | | | | |
| Available supply voltage | | | | | | | | | | |
| The check will be done 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 brushless axis board <input type="checkbox"/> There is no PLC | | | | | | | | | |
| Short description, notes and draw of the possible application: | | | | | | | | | | |