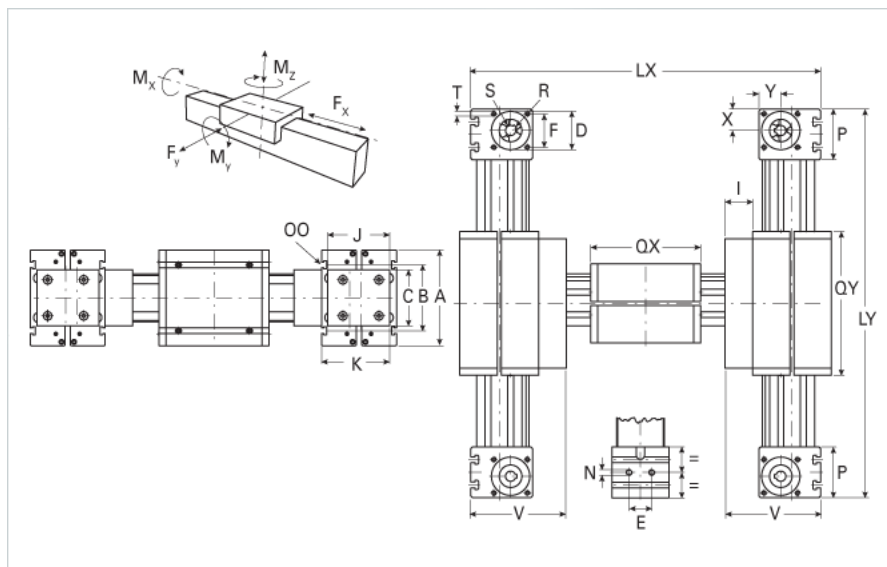
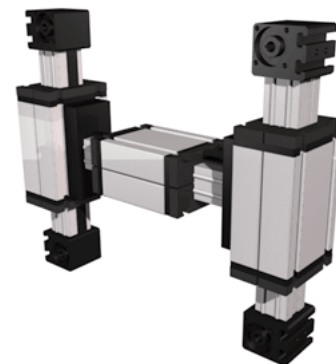


ELZU 60S X&Y-Axis WAC

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| Details | |
|--------------------------------|---------|
| Size | 60S |
| Belt | 5M25 |
| mm/Rev | 130 |
| Number of Teeth | 26 |
| Pully Diameter [mm] | 41.4 |
| Dimensions | |
| Basic length Lx [mm] | 468 |
| Basic length Ly [mm] | 350 |
| A [mm] | 170 |
| B [mm] | 108 |
| C [mm] | 80 |
| D [mm] | 47 |
| E [mm] | 30 |
| F [mm] | 42 |
| G [mm] | - |
| H [mm] | - |
| I [mm] | 33 |
| J [mm] | 82 |
| K [mm] | 94 |
| MM | - |
| N | M8 |
| OO | M8 |
| P [mm] | 59 |
| Qx [mm] | 214 |
| Qy [mm] | 226 |
| T | M6 |
| V [mm] | 127 |
| X [mm] | 26 |
| Y [mm] | 26 |
| Shaft Diameter and Length [mm] | 14 x 35 |
| Key | 5x5x28 |
| Speed | |
| Speed Maximum [m/s] | 5 |
| Forces and Torques | |
| No-load torque [Nm] | 1.2 |
| Tensile force 0.2 sec [N] | 1000 |
| Tensile force permanent [N] | 900 |
| Fx dynamic [N] | 800 |
| Fy dynamic [N] | 3100 |
| Fz dynamic [N] | 1600 |
| Mx dynamic [Nm] | 65 |
| My dynamic [Nm] | 140 |
| Mz dynamic [Nm] | 170 |
| Fx static [N] | 894 |
| Fy static [N] | 4100 |
| Fz static [N] | 2160 |

| | |
|---|--------|
| Mx static [Nm] | 88 |
| My static [Nm] | 190 |
| Mz static [Nm] | 230 |
| Geometrical moments of inertia of aluminum profile | |
| Elastic modulus [N/mm ²] | 70000 |
| Ix [mm ⁴] | 679000 |
| Iy [mm ⁴] | 697000 |
| Weight | |
| Additional Weight per 100 mm [kg] | 0.62 |
| Basic Weight [kg] | 17.7 |