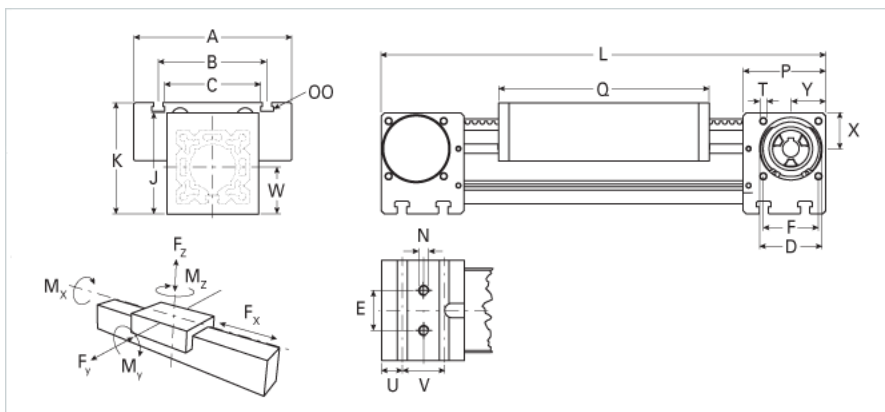
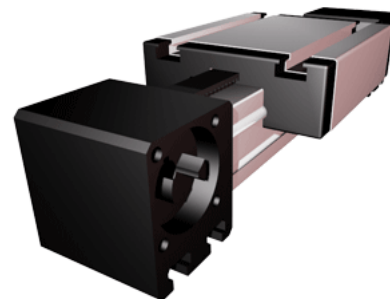


ELZ 40

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| Details | |
|---|--------|
| Size | 40 |
| Belt | 5M12 |
| mm/Rev | 100 |
| Number of Teeth | 20 |
| Pully Diameter [mm] | 31.8 |
| Dimensions | |
| Basic Length L [mm] | 225 |
| A [mm] | 100 |
| B [mm] | 66 |
| C [mm] | 58 |
| D [mm] | 37 |
| E [mm] | 18 |
| F [mm] | 32 |
| G [mm] | - |
| H [mm] | - |
| J [mm] | 58 |
| K [mm] | 64 |
| MM T-Nut | - |
| N - Bolt Size | M6 |
| OO - T-Nut | M6 |
| P [mm] | 49 |
| Q [mm] | 122 |
| T T-Nut | M5 |
| U [mm] | 12.5 |
| V [mm] | 24 |
| W [mm] | 29 |
| X [mm] | 20.5 |
| Y [mm] | 20.5 |
| Shaft Diameter and Length [mm] | 10X 27 |
| Key | 3x3x25 |
| Speed | |
| Speed Maximum [m/s] | 4 |
| Forces and Torques | |
| No-load torque [Nm] | 0.3 |
| Tensile force 0.2 sec [N] | 480 |
| Tensile force permanent [N] | 390 |
| Fx dynamic [N] | 350 |
| Fy dynamic [N] | 700 |
| Fz dynamic [N] | 650 |
| Mx dynamic [Nm] | 20 |
| My dynamic [Nm] | 18 |
| Mz dynamic [Nm] | 25 |
| Fx static [N] | 390 |
| Fy static [N] | 1200 |
| Fz static [N] | 900 |
| Mx static [Nm] | 25 |
| My static [Nm] | 32 |
| Mz static [Nm] | 35 |
| Geometrical moments of inertia of aluminum profile | |
| Elastic modulus [N/mm ²] | 70000 |
| Ix [mm ⁴] | 132000 |
| Iy [mm ⁴] | 134000 |

Weight

Additional Weight per 100 mm [kg]

0.24

Basic Weight [kg]

1.9
